Environmental Product Declaration (EPD)

Declaration code EPD-VSI-GB-67.0

Viega GmbH & Co. KG

connecting technology

Sanpress Inox press connectors and pipes

Basis:

DIN EN ISO 14025
EN 15804 + A2

Company EPD
Environmental
Product **D**eclaration

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Declaration holder	Viega GmbH & Co. KG Viega Platz 1 57439 Attendorn, Germany www.viega.de		
Declaration code	EPD-VSI-GB-67.0		
Designation of declared product	Sanpress Inox press connectors and pipes		
Scope	Transportation of media inside/outside buildings.		
Basis	This EPD was prepared on the basis of EN ISO 14025:2011 and DIN EN 15804:2012+A2:2019. In addition, the "Allgemeiner Leitfaden zur Erstellung von Typ III Umweltproduktdeklarationen" (General guideline for preparation of Type III Environmental Product Declarations) applies. The declaration is based on the PCR documents “PCR Part A” PCR-A-0.3:2018 and “Piping systems including connecting and fitting technology” PCR-RS-1.0:2022.		
Validity	Publication date: 14.12.2023	Last revision: 21.11.2025	Valid until: 14.12.2028
	This verified Company Environmental Product Declaration (company EPD) applies solely to the specified products and is valid for a period of five years from the date of publication in accordance with DIN EN 15804.		
LCA Basis	The LCA was prepared in accordance with DIN EN ISO 14040 and DIN EN ISO 14044. The base data includes the data collected at one production plant of Viega GmbH & Co. KG, and the generic data derived from the Ecoinvent 3 data base (v3.8 with aggregated inputs) and Ecoinvent EN 15804. LCA calculations were carried out for the included “cradle to grave” including all upstream chains (e.g. raw material extraction, etc.).		
Notes	The ift-Guidance Sheet “Conditions and Guidance for the Use of ift Test Documents” applies. The declaration holder assumes full liability for the underlying data, certificates and verifications.		

Christoph Seehauser Deputy Head of Sustainability	Dr. Torsten Mielecke Chairman of Expert Committee ift-EPD and PCR	Prof. Dr. Eric Brehm External verifier

1 General Product Information

Product definition

The EPD relates to the product group connecting technology and applies to:

1 kg Sanpress Inox press connector and 1 linear metre Sanpress Inox pipe of company Viega GmbH & Co. KG

These are divided into the following product groups

Product group (PG)		Piece weights
PG1	Sanpress Inox press connector	0.019 - 2.580 kg
PG2	Sanpress Inox G press connector	0.019 - 2.607 kg
PG3	Sanpress Inox LF press connector	0.03 - 4.35 kg
PG4	Sanpress Inox pipe	0.27 - 5.20 kg

*The respective conversion values can be found in Annex B.

Table 1 Product groups*

The declared unit is obtained by summing up:

PG	Assessed product	Unit weight	Declared unit
1	Cap with SC (Item no. 452858)	19.34 g[1]	1 kg
2	Flange adapter with SC (Item no. 578510)	4,330.00 g[1]	1 kg
3	Cap with SC (Item no. 666811)	17.35 g[1]	1 kg
4	Sanpress Inox pipe (Item no. 354848)	4,653.00 g[1]	1 linear metre

[1]A conversion for different unit weights/length weights is possible by dividing the results by the balanced unit weight/length weight and multiplying them by the respective unit weight/length weight from Annex B.

Table 2 Functional unit per reference product

The average unit is declared as follows:
Directly used material flows are determined by means of manufactured masses (kg) and allocated to the declared unit. All other inputs and outputs in the production were scaled to the declared unit in their entirety since there is no typical functional unit due to the high number of variants. The reference period is the year 2022.

The validity of the EPD is restricted to the systems listed in *The respective conversion values can be found in Annex B.
Table 1.

Product description

Sanpress Inox press connector
Flow-optimized press connector system with press connectors made of stainless steel 1.4401 and pipes made of stainless steel 1.4401 and 1.4521 for the transport of media inside/outside buildings in various applications such as drinking water installations, heating/radiator

connections, rainwater, compressed air systems, agriculture and industrial applications.

Sanpress Inox G press connector
Flow-optimized press connector system with press connectors made of stainless steel 1.4401 and pipes made of stainless steel 1.4401 and 1.4521 for the transport of media inside/outside buildings in various applications such as natural gas, liquefied petroleum gas in gas phase, heating oil and diesel fuel.

Sanpress Inox LF press connector
Flow-optimized press connector system with press connectors made of stainless steel 1.4401 and pipes made of stainless steel 1.4401 and 1.4521. Free from paint wetting impairming substances (labs-free) such as: Silicone, grease or oil. Particularly suitable for use in pipe installations in paint shops. The press connector features a cylindrical pipe guide to protect the sealing element. Press connector sizes ranging from d64.0 diameter with stainless steel cutting ring to ensure the mechanical strength of the connection. Pipes are fitted with pipe plugs for protection. The pressing force is applied in front and behind the sealing element seat. Suitable for wall mounting and concealed applications of risers and storey installations.

Sanpress Inox pipe
Sanpress Inox is the answer to almost every challenge in drinking water installations. With its large and practical selection of components, the stainless steel system opens up a wide range of possible uses and applications.

Product manufacture

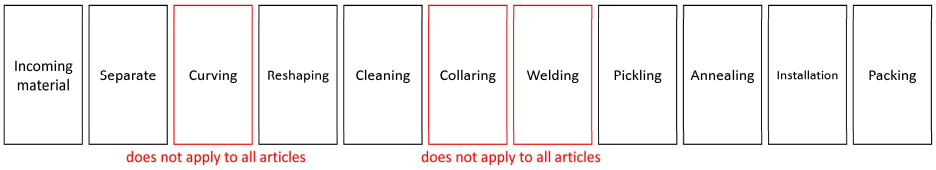


Illustration 1 Manufacturing process

Note: Depending on the product type, not all production steps are carried out.

Application

Sanpress Inox press connector
- Drinking water
- Heating/radiator connection
- Rainwater
- Compressed air systems
- Agriculture
- Industrial applications

Sanpress Inox G press connector
- Natural gas/liquefied petroleum gas
- Heating oil
- Diesel fuel

Sanpress Inox LF press connector

- Drinking water
- Rainwater
- Compressed air systems
- Agriculture
- Industrial applications

Sanpress Inox pipe

- Drinking water
- Heating/radiator connection
- Rainwater
- Compressed air systems
- Agriculture
- Industrial applications

Test evidence / reports

For information on updated verifications (incl. other national approvals) refer to Sanpress Inox | viega.de.

Management systems

The following management systems are held:

- Quality management system as per DIN EN ISO 9001:2015
- Energy management system as per DIN EN ISO 50001:2018
- Environmental management system as per DIN EN ISO 14001:2015
- Occupational health and safety management system as per DIN EN ISO 45001:2018

Additional information

For additional verifications of applicability or conformity refer to the CE marking and the documents accompanying the product, if applicable.

2 Materials used

Primary materials

The raw materials used can be found in Section 6.2 Inventory analysis (Inputs).

Declarable substances

Products may contain a substance in accordance with Article 57 of the REACH Regulation ('SVHC – Substance of Very High Concern') >0.1 mass percent (w/w).

Detailed information on the SVHC and the associated SCIP registration number is available from the manufacturer on request.
All relevant safety data sheets can be obtained from Viega GmbH & Co. KG.

3 Construction process stage

Processing recommendations, installation

Observe the instructions for assembly/installation, operation, maintenance and disassembly, provided by the manufacturer. For this, see www.viega.de

4 Use stage

Emissions to the environment

No emissions to indoor air, water and soil are known. There may be VOC emissions. There is no contact with the indoor/outdoor air.

Reference service life (RSL)

The RSL information was provided by the manufacturer. The RSL must be established under specified reference conditions of use and relate to the declared technical and functional performance of the product within the building. It must be determined according to all specific rules given in European product standards or, if none are available, according to a c-PCR. It must also take into account ISO 15686-1, -2, -7 and -8. If there is guidance on deriving RSLs from European Product Standards or a c-PCR, then such guidance must take precedence.
If it is not possible to determine the service life as the RSL in accordance with ISO 15686, the BBSR table “Nutzungsdauer von Bauteilen zur Lebenszyklusanalyse nach BNB” (service life of building components for life cycle assessment in accordance with the sustainable construction evaluation system) can be used. For further information and explanations refer to www.nachhaltigesbauen.de.

For this EPD the following applies:
For a "cradle to grave" EPD and Module D (A + B + C + D), a reference service life (RSL) must be specified.
The service life for Sanpress Inox press connectors and pipes of company Viega GmbH & Co. KG is specified as 50 years according to the manufacturer.

The service life is dependent on the characteristics of the product and in-use conditions. The conditions and characteristics described in the EPD are applicable, in particular the characteristics listed below:

- Outdoor environment: Climatic influences may have a negative impact on the service life.
- Indoor environment: No impacts known that have a negative effect on the service life.

The service life solely applies to the characteristics specified in this EPD or the corresponding references.
The RSL does not reflect the actual life time, which is usually determined by the service life and the redevelopment of a building. It does not give any information on the useful life, warranty referring to performance characteristics or guarantees.

5 End-of-life stage

Possible end-of-life stages

Sanpress Inox press connectors and pipes are sent to central collection points. There the products are usually shredded and sorted into their constituents. The end-of-life stage depends on the site where the products are used and is therefore subject to the local regulations. Observe the locally applicable regulatory requirements.

In this EPD, the modules of after-use are presented according to the market situation.
Metals and plastics are recycled to a certain extent. Residual fractions are sent to landfill or, in part, thermally recycled.

Disposal routes

The LCA includes the average disposal routes.

All life cycle scenarios are detailed in the Annex.

6 Life Cycle Assessment (LCA)

Environmental product declarations are based on life cycle assessments (LCAs) which use material and energy flows for the calculation and subsequent representation of environmental impacts.

As a basis for this, life cycle assessments were prepared for Sanpress Inox press connectors and pipes. These LCAs are in conformity with the requirements set out in DIN EN 15804 and the international standards DIN EN ISO 14040, DIN EN ISO 14044, ISO 21930 and EN ISO 14025.

The LCA is representative of the products presented in the Declaration and the specified reference period.

6.1 Definition of goal and scope

Aim

The goal of the LCA is to demonstrate the environmental impacts of the products. In accordance with DIN EN 15804, the environmental impacts covered by this Environmental Product Declaration are presented for the entire product life cycle in the form of basic information. No other additional environmental impacts are specified.

Data quality, data availability and geographical and time-related system boundaries

The specific data originate exclusively from the 2022 fiscal year. They were collected on-site at the plant located in Großhering and originate in parts from company records and partly from values directly obtained by measurement. Validity of the data was checked by the ift Rosenheim.

The generic data originate from the Ecoinvent 3 data base (v3.9.1 with aggregated inputs from 2022) and Ecoinvent EN 15804. The last update of both databases was in 2023. Data from before this date originate also from these databases and are not more than ten years old. No other generic data were used for the calculation.

Generic data are selected as accurately as possible in terms of geographic reference. If no country-specific data sets are available or if the regional reference cannot be determined, European or globally valid data sets are used.

Data gaps were either filled with comparable data or conservative assumptions, or the data were cut off in compliance with the 1% rule.

The life cycle was modelled using the sustainability software tool “Umberto 11” for the development of life cycle assessments.

The data quality complies with the requirements of prEN 15941:2022.

Scope / system boundaries

The system boundaries refer to the supply of raw materials and purchased parts, manufacture/production, use and end-of-life stage of the Sanpress Inox press connectors and pipes.
No additional data from pre-suppliers/subcontractors or other sites were taken into consideration.

Cut-off criteria

All company data collected, i.e. all commodities/input and raw materials used, the thermal energy and electricity consumption, were taken into consideration.

The boundaries cover only the product-relevant data. Building sections/parts of facilities that are not relevant to the manufacture of the products, were excluded.

The transport distances of the pre-products used were taken into consideration as a function of 100% of the mass of the products. The following means of transport was assumed: >32 t truck/semitrailer, Euro 6, diesel, 53 % capacity utilization

The criteria for the exclusion of inputs and outputs as set out in DIN EN 15804 are fulfilled. From the data analysis it can be assumed that the total of negligible processes per life cycle stage does not exceed 1% of the mass/primary energy. This way the total of negligible processes does not exceed 5% of the energy and mass input. The life cycle calculation also includes material and energy flows that account for less than 1%.

6.2 Inventory analysis

Aim

All material and energy flows are described below. The processes covered are presented as input and output parameters and refer to the declared units.

Life cycle stages

The complete life cycle of Sanpress Inox press connectors and pipes is shown in the annex. The product stage "A1 – A3", construction process stage "A4 – A5", use stage "B1 – B7", end-of-life stage "C1 – C4" and the benefits and loads beyond the system boundaries "D" are considered.

Benefits

The below benefits have been defined as per DIN EN 15804:

- Benefits from recycling
- Benefits (thermal and electrical) from incineration

Allocation of co-products

Allocations occur during production.
Allocation was based on the masses (units) of products produced.

Allocations for re-use, recycling and recovery

If the products are reused/recycled and recovered during the product stage (rejects), the elements are shredded, if necessary and then sorted into their constituents. This is done by various process plants, e.g. magnetic separators.
The system boundaries were set following their disposal, reaching the end-of-waste status.

Allocations beyond life cycle boundaries

The use of recycled materials in the manufacturing process was based on the current market-specific situation. In parallel to this, a recycling potential was taken into consideration that reflects the economic value of the product after recycling (recyclate).
The system boundary set for the recycled material refers to collection.

Secondary material

The use of secondary material in module A3 by Viega GmbH & Co. KG was considered. Secondary material is not used.

Inputs

The following manufacturing-related inputs were included in the LCA per 1 kg Sanpress Inox press connector and 1 linear metre Sanpress Inox pipe:

Energy
For the input material natural gas, "natural gas, high pressure (GER), domestic supply with seasonal storage" was assumed. For the electricity mix, "electricity, high voltage, production mix (GER)" was assumed.

A portion of the process heat is used for space heating. This can, however, not be quantified, hence a “worst case” figure was taken into account for the product.

Water
There is no water consumption in the individual process steps for production.
The consumption of fresh water specified in Section 0 originates (among others) from the process chain of the pre-products and the process water for cooling.

Raw material / pre-products
The charts below show the share of raw materials/pre-products in percent.

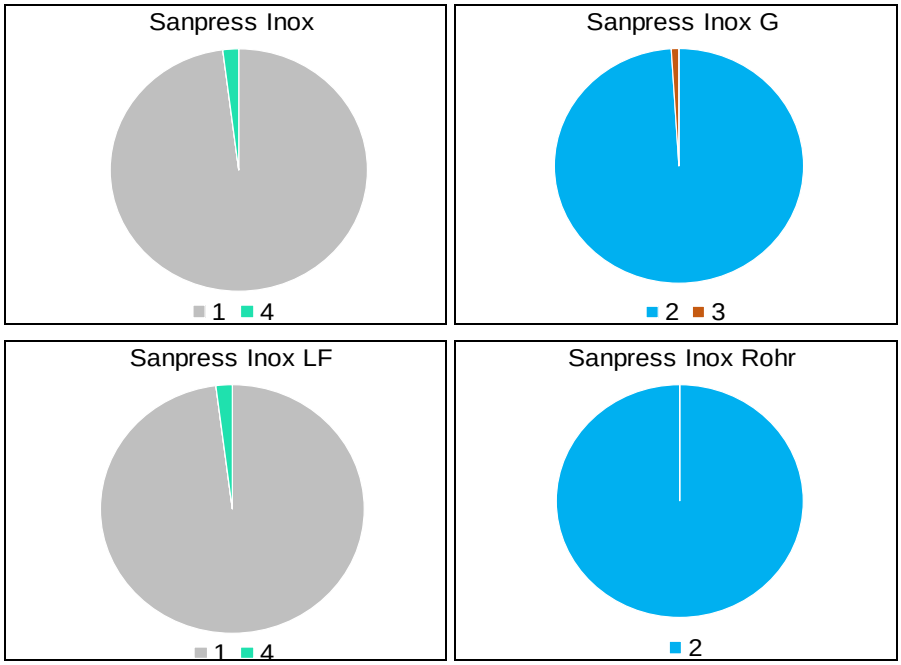


Illustration 2 Percentage of individual materials per declared unit

No.	Material	Mass in %			
		Sanpress Inox	Sanpress Inox G	Sanpress Inox LF	Sanpress Inox pipes
1	Stainless steel alloy 1.4408	98.00 %	0.00 %	98.00 %	0.00 %
2	Stainless steel alloy 1.4401	0.00 %	99.00 %	0.00 %	100.00 %
3	PA	0.00 %	1.00 %	0.00 %	0.00 %
4	EPDM seal	2.00 %	0.00 %	2.00 %	0.00 %

Table 3 Percentage of individual materials per declared unit

Ancillary materials and consumables
There are the following ancillary materials and consumables:

- Sanpress Inox: 0.17 kg
- Sanpress Inox G: 4.15 kg
- Sanpress Inox LF: 31.05 kg
- Sanpress Inox pipe: 0 kg

Product packaging
The amounts used for product packaging are as follows:

No.	Packaging	Mass in kg			
		Sanpress Inox	Sanpress Inox G	Sanpress Inox LF	Sanpress Inox pipes
1	PE film, PE foam	0.03	0.00	0.73	0.00
2	Paper, cardboard, carton	0.00	0.06	0.00	0.00

Table 4 Weight in kg of packaging per declared unit

Biogenic carbon content
Only the biogenic carbon content of the associated packaging is reported, as the total mass of biogenic carbon-containing materials is less than 5% of the total mass of the product and associated packaging. According to EN 16449, the following amounts of biogenic carbon are generated for packaging:

Assessed product	Content in kg C per declared unit in the corresponding packaging
Sanpress Inox	0.00
Sanpress Inox G	0.03
Sanpress Inox LF	0.00
Sanpress Inox pipe	0.00

Table 5 Biogenic carbon content of the packaging at the factory gate

Outputs

The following manufacturing-related outputs were included in the LCA per 1 kg Sanpress Inox press connector or 1 linear metre Sanpress Inox pipe:

Waste
Secondary raw materials were included in the benefits.
See Section 0 Impact assessment.

Waste water
No waste water is produced during the manufacturing process.

6.3 Impact assessment

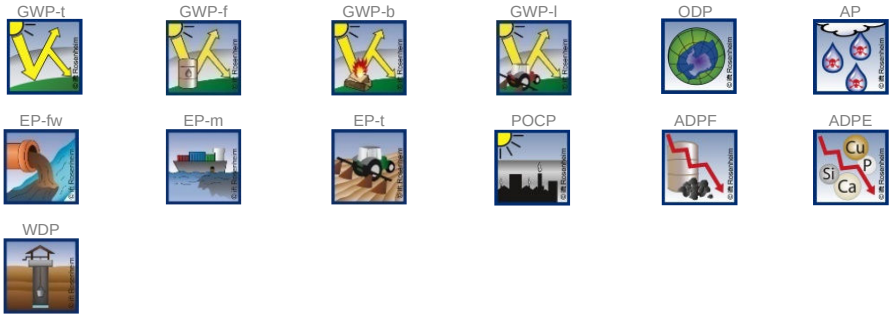
Aim

The impact assessment covers both inputs and outputs. The impact categories applied are stated below:

Core indicators

The models for impact assessment were applied as described in DIN EN 15804-A2.
The core indicators presented in the EPD are as follows:

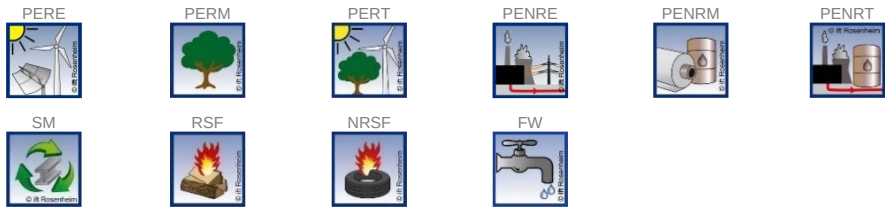
- Climate change - total (GWP-t)
- Climate change - fossil (GWP-f)
- Climate change - biogenic (GWP-b)
- Climate change - land use & land use change (GWP-l)
- Ozone depletion (ODP)
- Acidification (AP)
- Eutrophication freshwater (EP-fw)
- Eutrophication salt water (EP-m)
- Eutrophication land (EP-t)
- Photochemical ozone creation (POCP)
- Depletion of abiotic resources - fossil fuels (ADPF)
- Depletion of abiotic resources - minerals and metals (ADPE)
- Water use (WDP)



Resource management

The models for impact assessment were applied as described in DIN EN 15804-A2.
The following resource use indicators are presented in the EPD:

- Renewable primary energy as energy source (PERE)
- Renewable primary energy for material use (PERM)
- Total use of renewable primary energy (PERT)
- Non-renewable primary energy as energy source (PENRE)
- Non-renewable primary energy for material use (PENRM)
- Total use of non-renewable primary energy (PENRT)
- Use of secondary materials (SM)
- Use of renewable secondary fuels (RSF)
- Use of non-renewable secondary fuels (NRSF)
- Net use of freshwater resources (FW)

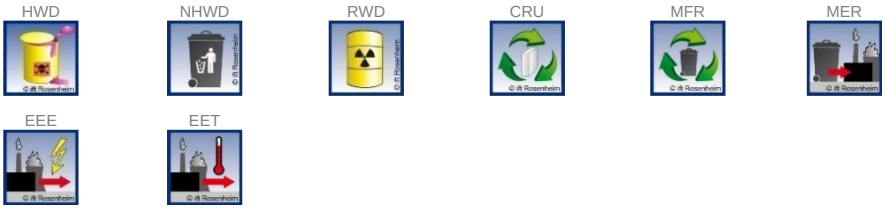


Waste

The waste generated during the production of 1 kg Sanpress Inox press connector and 1 linear metre Sanpress Inox pipe is evaluated and shown separately for the fractions trade wastes, special wastes and radioactive wastes. Since waste handling is modelled within the system boundaries, the amounts shown refer to the deposited wastes. A portion of the waste indicated is generated during the manufacture of the pre-products.

The models for impact assessment were applied as described in DIN EN 15804-A2.
The following waste categories and indicators for output closures are presented in the EPD:

- Disposed hazardous waste (HWD)
- Non-hazardous waste disposed (NHWD)
- Radioactive waste disposed (RWD)
- Components for re-use (CRU)
- Materials for recycling (MFR)
- Materials for energy recovery (MER)
- Exported electrical energy (EEE)
- Exported thermal energy (EET)



Additional environmental impact indicators

The models for impact assessment were applied as described in DIN EN 15804-A2.
The additional impact categories presented in the EPD are as follows:

- Particulate matter emissions (PM)
- Ionizing radiation, human health (IRP)
- Ecotoxicity – freshwater (ETP-fw)
- Human toxicity, carcinogenic effects (HTP-c)
- Human toxicity, non-carcinogenic effects (HTP-nc)
- Impacts associated with land use/soil quality (SQP)

	Results per 1 kg Sanpress Inox															
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Core indicators																
GWP-t	kg CO_2 equivalent	1.55E+01	6.44E-02	1.78E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	9.28E-02	3.47E-04	-5.78E+00
GWP-f	kg CO_2 equivalent	1.53E+01	6.44E-02	1.78E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	5.60E-02	3.45E-04	-5.73E+00
GWP-b	kg CO_2 equivalent	1.77E-01	2.24E-05	1.92E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47E-06	3.67E-02	2.10E-06	-5.04E-02
GWP-l	kg CO_2 equivalent	2.96E-02	3.30E-05	6.32E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.21E-06	1.38E-04	2.51E-07	-5.52E-03
ODP	kg CFC-11-eq.	6.19E-05	1.09E-09	2.90E-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72E-10	7.25E-10	8.15E-12	-1.47E-05
AP	mol H^+-eq.	8.17E-02	2.52E-04	4.25E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47E-05	4.22E-04	3.32E-06	-1.93E-02
EP-fw	kg P-eq.	8.22E-03	5.39E-06	2.34E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.52E-07	1.23E-05	9.04E-08	-1.77E-03
EP-m	kg N-eq.	1.38E-02	4.60E-05	5.33E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68E-05	1.50E-04	9.18E-07	-5.25E-03
EP-t	mol N-eq.	1.48E-01	4.75E-04	1.36E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80E-04	1.32E-03	9.83E-06	-5.55E-02
POCP	kg NMVOC-eq.	4.85E-02	1.75E-04	2.65E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.59E-05	3.79E-04	2.45E-06	-2.89E-02
ADPF*[2]	MJ	1.79E+02	0.00E+00	5.13E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.91E-08	4.77E-07	7.23E-10	-1.24E-04
ADPE*[2]	kg Sb equivalent	1.63E-03	9.75E-01	1.86E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	6.60E-01	7.53E-03	-5.85E+01
WDP*[2]	m^3 world-eq. deprived	2.81E+01	4.87E-03	5.01E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.74E-04	8.08E-03	4.16E-05	-1.67E+00
Resource management																
PERE	MJ	1.01E+02	1.23E-02	9.30E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.09E-02	1.28E-04	-1.30E+01
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	1.01E+02	1.23E-02	9.30E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.09E-02	1.28E-04	-1.30E+01
PENRE	MJ	1.78E+02	9.75E-01	6.34E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	1.06E+00	1.96E-02	-5.85E+01
PENRM	MJ	1.03E+00	0.00E+00	-6.15E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	-3.98E-01	-1.21E-02	0.00E+00
PENRT	MJ	1.79E+02	9.75E-01	1.86E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	6.60E-01	7.53E-03	-5.85E+01
SM	kg	2.04E-01	4.09E-04	6.34E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.48E-05	5.94E-04	2.88E-06	-5.65E-01
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	6.01E-01	1.33E-04	1.67E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13E-05	1.85E-04	7.57E-06	-4.69E-02
Categories of waste																
HWD	kg	1.05E+00	7.16E-04	4.81E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13E-04	1.22E-03	6.47E-06	-1.56E+00
NHWD	kg	3.96E+01	2.29E-02	1.06E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62E-03	4.17E-02	1.93E-04	-8.28E+00
RWD	kg	5.82E-04	0.00E+00	1.30E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.34E-08	3.59E-07	2.37E-09	-8.05E-05
Output material flows																
CRU	kg	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	kg	4.79E-02	0.00E+00	8.75E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20E-06	9.21E-01	5.25E-08	-1.33E-03
MER	kg	2.75E-05	0.00E+00	6.06E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.52E-09	6.99E-08	2.36E-10	-7.12E-05
EE	MJ	1.07E-01	0.00E+00	6.59E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.76E-05	2.80E-04	1.30E-06	-1.07E-01

Key:
GWP-t – global warming potential - total **GWP-f** – global warming potential fossil fuels **GWP-b** – global warming potential - biogenic **GWP-l** – global warming potential - land use and land use change **ODP** – ozone depletion potential **AP** - acidification potential **EP-fw** - eutrophication potential - aquatic freshwater **EP-m** - eutrophication potential - aquatic marine **EP-t** - feutrophication potential - terrestrial **POCP** - photochemical ozone formation potential **ADPF*[2]** - abiotic depletion potential – fossil resources **ADPE*[2]** - abiotic depletion potential - minerals&metals **WDP*[2]** - Water (user) deprivation potential **PERE** - Use of renewable primary energy **PERM** - use of renewable primary energy resources **PERT** - total use of renewable primary energy resources **PENRE** - use of non-renewable primary energy **PENRM** - use of non-renewable primary energy resources **PENRT** - total use of non-renewable primary energy resources **SM** - use of secondary material **RSF** - use of renewable secondary fuels **NRSF** - use of non-renewable secondary fuels **FW** - net use of fresh water **HWD** - hazardous waste disposed **NHWD** - non-hazardous waste disposed **RWD** - radioactive waste disposed **CRU** - components for re-use **MFR** - materials for recycling **MER** - materials for energy recovery **EE** - exported energy

Results per 1 kg Sanpress Inox															
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Additional environmental impact indicators																
PM	Disease incidence	8.51E-07	6.25E-09	1.60E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08E-09	1.68E-08	5.29E-11	-4.13E-07
IRP*[1]	kBq U235-eq.	1.99E+00	8.86E-04	6.07E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41E-04	1.48E-03	9.85E-06	-3.24E-01
ETP-fw*[2]	CTUe	1.23E+02	5.15E-01	1.71E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.13E-02	9.81E-01	3.28E-03	-2.10E+01
HTP-c*[2]	CTUh	4.67E-08	0.00E+00	9.85E-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57E-12	1.50E-10	1.93E-13	-3.31E-08
HTP-nc*[2]	CTUh	3.79E-07	2.86E-11	3.46E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12E-10	1.52E-09	2.19E-12	-1.18E-07
SQP*[2]	dimensionless	5.26E+01	9.59E-01	1.88E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55E-01	1.17E+00	1.71E-02	-2.65E+01

Key:
PM – particulate matter emissions potential **IRP*[1]** – ionizing radiation potential – human health **ETP-fw*[2]** - Eco-toxicity potential – freshwater **HTP-c*[2]** - Human toxicity potential – cancer effects **HTP-nc*[2]** - Human toxicity potential – non-cancer effects **SQP*[2]** – soil quality potential

Disclaimers:

*1 This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionising radiation from the soil, from radon and from some building materials is also not measured by this indicator.

*2 The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.

Results per 1 kg Sanpress Inox G																
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Core indicators																
GWP-t	kg CO_2 equivalent	8.19E+01	6.63E-02	1.45E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	9.29E-02	3.48E-04	-5.23E+00
GWP-f	kg CO_2 equivalent	7.87E+01	6.62E-02	1.64E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	5.59E-02	3.46E-04	-5.17E+00
GWP-b	kg CO_2 equivalent	3.08E+00	2.31E-05	1.43E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47E-06	3.68E-02	2.10E-06	-5.05E-02
GWP-l	kg CO_2 equivalent	7.51E-02	3.40E-05	7.22E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.21E-06	1.38E-04	2.52E-07	-5.48E-03
ODP	kg CFC-11-eq.	7.71E-06	1.12E-09	3.41E-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72E-10	7.26E-10	8.16E-12	-5.27E-08
AP	mol H^+-eq.	3.48E-01	2.59E-04	8.20E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47E-05	4.23E-04	3.33E-06	-1.93E-02
EP-fw	kg P-eq.	3.56E-02	5.54E-06	2.54E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.52E-07	1.23E-05	9.06E-08	-1.76E-03
EP-m	kg N-eq.	5.80E-02	4.73E-05	4.55E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68E-05	1.50E-04	9.20E-07	-5.26E-03
EP-t	mol N-eq.	6.08E-01	4.89E-04	1.21E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80E-04	1.33E-03	9.84E-06	-5.56E-02
POCP	kg NMVOC-eq.	2.08E-01	1.80E-04	3.22E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.59E-05	3.79E-04	2.46E-06	-2.88E-02
ADPF*[2]	MJ	1.07E+03	0.00E+00	5.61E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.91E-08	4.78E-07	7.24E-10	-1.24E-04
ADPE*[2]	kg Sb equivalent	3.17E-03	1.00E+00	2.15E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	6.61E-01	7.55E-03	-5.85E+01
WDP*[2]	m^3 world-eq. deprived	4.36E+01	5.01E-03	7.27E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.74E-04	8.08E-03	4.17E-05	-1.66E+00
Resource management																
PERE	MJ	1.39E+02	1.26E-02	9.61E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.09E-02	1.28E-04	-1.30E+01
PERM	MJ	9.60E-01	0.00E+00	-9.60E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	1.40E+02	1.26E-02	9.74E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.09E-02	1.28E-04	-1.30E+01
PENRE	MJ	1.07E+03	1.00E+00	2.15E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	8.61E-01	1.36E-02	-5.85E+01
PENRM	MJ	2.05E-01	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	-1.99E-01	-6.05E-03	0.00E+00
PENRT	MJ	1.07E+03	1.00E+00	2.15E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	6.62E-01	7.55E-03	-5.85E+01
SM	kg	6.67E-01	4.21E-04	8.87E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.48E-05	5.92E-04	2.88E-06	-5.66E-01
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	1.30E+00	1.37E-04	1.52E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13E-05	1.85E-04	7.58E-06	-4.68E-02
Categories of waste																
HWD	kg	6.41E+00	7.36E-04	5.39E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13E-04	1.22E-03	6.48E-06	-1.56E+00
NHWD	kg	1.61E+02	2.35E-02	1.14E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62E-03	4.18E-02	1.93E-04	-8.23E+00
RWD	kg	2.80E-03	0.00E+00	1.37E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.34E-08	3.59E-07	2.38E-09	-8.00E-05
Output material flows																
CRU	kg	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	kg	9.05E-01	0.00E+00	8.78E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20E-06	9.23E-01	5.26E-08	-1.32E-03
MER	kg	7.17E-05	0.00E+00	7.76E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.52E-09	6.97E-08	2.37E-10	-7.13E-05
EE	MJ	6.16E-01	0.00E+00	6.69E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.76E-05	2.80E-04	1.30E-06	-1.07E-01

Key:
GWP-t – global warming potential - total **GWP-f** – global warming potential fossil fuels **GWP-b** – global warming potential - biogenic **GWP-l** – global warming potential - land use and land use change **ODP** – ozone depletion potential **AP** - acidification potential **EP-fw** - eutrophication potential - aquatic freshwater **EP-m** - eutrophication potential - aquatic marine **EP-t** - feutrophication potential - terrestrial **POCP** - photochemical ozone formation potential **ADPF*[2]** - abiotic depletion potential – fossil resources **ADPE*[2]** - abiotic depletion potential - minerals&metals **WDP*[2]** - Water (user) deprivation potential **PERE** - Use of renewable primary energy **PERM** - use of renewable primary energy resources **PERT** - total use of renewable primary energy resources **PENRE** - use of non-renewable primary energy **PENRM** - use of non-renewable primary energy resources **PENRT** - total use of non-renewable primary energy resources **SM** - use of secondary material **RSF** - use of renewable secondary fuels **NRSF** - use of non-renewable secondary fuels **FW** - net use of fresh water **HWD** - hazardous waste disposed **NHWD** - non-hazardous waste disposed **RWD** - radioactive waste disposed **CRU** - components for re-use **MFR** - materials for recycling **MER** - materials for energy recovery **EE** - exported energy

Results per 1 kg Sanpress Inox G															
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Additional environmental impact indicators																
PM	Disease incidence	2.43E-06	6.43E-09	1.51E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08E-09	1.68E-08	5.30E-11	-4.13E-07
IRP*[1]	kBq U235-eq.	9.60E+00	9.11E-04	6.37E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41E-04	1.48E-03	9.87E-06	-3.22E-01
ETP-fw*[2]	CTUe	4.43E+02	5.30E-01	2.59E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.13E-02	9.83E-01	3.28E-03	-2.06E+01
HTP-c*[2]	CTUh	8.88E-08	0.00E+00	9.31E-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57E-12	1.50E-10	1.94E-13	-3.26E-08
HTP-nc*[2]	CTUh	2.21E-06	2.94E-11	4.06E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12E-10	1.52E-09	2.20E-12	-1.17E-07
SQP*[2]	dimensionless	1.67E+02	9.87E-01	2.65E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55E-01	1.17E+00	1.71E-02	-2.65E+01

Key:
PM – particulate matter emissions potential **IRP*[1]** – ionizing radiation potential – human health **ETP-fw*[2]** - Eco-toxicity potential – freshwater **HTP-c*[2]** - Human toxicity potential – cancer effects **HTP-nc*[2]** - Human toxicity potential – non-cancer effects **SQP*[2]** – soil quality potential

Disclaimers:

*1 This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionising radiation from the soil, from radon and from some building materials is also not measured by this indicator.

*2 The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.

Results per 1 kg Sanpress Inox LF																
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Core indicators																
GWP-t	kg CO_2 equivalent	5.42E+02	1.08E-01	4.42E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	9.27E-02	3.47E-04	-5.86E+00
GWP-f	kg CO_2 equivalent	5.20E+02	1.08E-01	4.42E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05E-02	5.60E-02	3.44E-04	-5.81E+00
GWP-b	kg CO_2 equivalent	2.21E+01	3.78E-05	1.61E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47E-06	3.66E-02	2.10E-06	-5.02E-02
GWP-l	kg CO_2 equivalent	3.55E-01	5.56E-05	3.66E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.21E-06	1.38E-04	2.51E-07	-5.52E-03
ODP	kg CFC-11-eq.	1.68E-04	1.83E-09	2.77E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72E-10	7.24E-10	8.13E-12	-1.69E-05
AP	mol H^+-eq.	2.13E+00	4.23E-04	9.95E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47E-05	4.22E-04	3.32E-06	-1.93E-02
EP-fw	kg P-eq.	2.17E-01	9.07E-06	1.06E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.52E-07	1.23E-05	9.02E-08	-1.77E-03
EP-m	kg N-eq.	3.54E-01	7.73E-05	1.36E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68E-05	1.50E-04	9.17E-07	-5.24E-03
EP-t	mol N-eq.	3.70E+00	8.00E-04	3.22E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80E-04	1.32E-03	9.81E-06	-5.55E-02
POCP	kg NMVOC-eq.	1.28E+00	2.95E-04	5.69E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.59E-05	3.78E-04	2.45E-06	-2.89E-02
ADPF*[2]	MJ	7.05E+03	0.00E+00	2.56E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.91E-08	4.76E-07	7.21E-10	-1.24E-04
ADPE*[2]	kg Sb equivalent	1.30E-02	1.64E+00	1.09E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	6.58E-01	7.52E-03	-5.85E+01
WDP*[2]	m^3 world-eq. deprived	1.34E+02	8.20E-03	1.08E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.74E-04	8.08E-03	4.16E-05	-1.67E+00
Resource management																
PERE	MJ	3.69E+02	2.07E-02	3.01E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.09E-02	1.28E-04	-1.30E+01
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	3.69E+02	2.07E-02	3.01E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94E-03	3.09E-02	1.28E-04	-1.30E+01
PENRE	MJ	7.03E+03	1.64E+00	1.51E+01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	1.06E+00	1.96E-02	-5.85E+01
PENRM	MJ	1.54E+01	0.00E+00	-1.50E+01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	-3.98E-01	-1.21E-02	0.00E+00
PENRT	MJ	7.05E+03	1.64E+00	1.09E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54E-01	6.59E-01	7.52E-03	-5.85E+01
SM	kg	3.70E+00	6.88E-04	6.71E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.48E-05	5.95E-04	2.87E-06	-5.63E-01
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	5.67E+00	2.25E-04	2.80E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13E-05	1.85E-04	7.55E-06	-4.69E-02
Categories of waste																
HWD	kg	4.17E+01	1.20E-03	9.05E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13E-04	1.22E-03	6.46E-06	-1.56E+00
NHWD	kg	9.64E+02	3.85E-02	4.76E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62E-03	4.17E-02	1.92E-04	-8.27E+00
RWD	kg	1.72E-02	0.00E+00	4.16E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.34E-08	3.59E-07	2.37E-09	-8.05E-05
Output material flows																
CRU	kg	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	kg	6.53E+00	0.00E+00	8.80E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20E-06	9.20E-01	5.25E-08	-1.33E-03
MER	kg	3.40E-04	0.00E+00	8.35E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.52E-09	7.01E-08	2.36E-10	-7.10E-05
EE	MJ	4.01E+00	0.00E+00	9.72E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.76E-05	2.80E-04	1.29E-06	-1.07E-01

Key:
GWP-t – global warming potential - total **GWP-f** – global warming potential fossil fuels **GWP-b** – global warming potential - biogenic **GWP-l** – global warming potential - land use and land use change **ODP** – ozone depletion potential **AP** - acidification potential **EP-fw** - eutrophication potential - aquatic freshwater **EP-m** - eutrophication potential - aquatic marine **EP-t** - feutrophication potential - terrestrial **POCP** - photochemical ozone formation potential **ADPF*[2]** - abiotic depletion potential – fossil resources **ADPE*[2]** - abiotic depletion potential - minerals&metals **WDP*[2]** - Water (user) deprivation potential **PERE** - Use of renewable primary energy **PERM** - use of renewable primary energy resources **PERT** - total use of renewable primary energy resources **PENRE** - use of non-renewable primary energy **PENRM** - use of non-renewable primary energy resources **PENRT** - total use of non-renewable primary energy resources **SM** - use of secondary material **RSF** - use of renewable secondary fuels **NRSF** - use of non-renewable secondary fuels **FW** - net use of fresh water **HWD** - hazardous waste disposed **NHWD** - non-hazardous waste disposed **RWD** - radioactive waste disposed **CRU** - components for re-use **MFR** - materials for recycling **MER** - materials for energy recovery **EE** - exported energy

	Results per 1 kg Sanpress Inox LF														
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Additional environmental impact indicators																
PM	Disease incidence	1.33E-05	1.05E-08	4.17E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08E-09	1.68E-08	5.28E-11	-4.12E-07
IRP*[1]	kBq U235-eq.	5.93E+01	1.49E-03	1.77E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41E-04	1.48E-03	9.84E-06	-3.24E-01
ETP-fw*[2]	CTUe	2.59E+03	8.67E-01	4.35E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.13E-02	9.79E-01	3.27E-03	-2.11E+01
HTP-c*[2]	CTUh	3.98E-07	0.00E+00	2.57E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57E-12	1.50E-10	1.93E-13	-3.31E-08
HTP-nc*[2]	CTUh	1.43E-05	4.81E-11	8.83E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12E-10	1.52E-09	2.19E-12	-1.18E-07
SQP*[2]	dimensionless	9.29E+02	1.61E+00	2.21E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55E-01	1.17E+00	1.70E-02	-2.65E+01

Key:
PM – particulate matter emissions potential **IRP*[1]** – ionizing radiation potential – human health **ETP-fw*[2]** - Eco-toxicity potential – freshwater **HTP-c*[2]** - Human toxicity potential – cancer effects **HTP-nc*[2]** - Human toxicity potential – non-cancer effects **SQP*[2]** – soil quality potential

Disclaimers:

*1 This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionising radiation from the soil, from radon and from some building materials is also not measured by this indicator.

*2 The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.

Results per linear metre Sanpress Inox pipe																
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Core indicators																
GWP-t	kg CO_2 equivalent	4.95E+01	3.24E-01	3.13E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.87E-02	4.34E-01	-4.10E-02	-2.37E+01
GWP-f	kg CO_2 equivalent	4.91E+01	3.24E-01	3.13E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.87E-02	2.60E-01	-4.07E-02	-2.34E+01
GWP-b	kg CO_2 equivalent	2.58E-01	1.13E-04	1.05E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62E-05	1.74E-01	-2.48E-04	-2.31E-01
GWP-l	kg CO_2 equivalent	1.31E-01	1.66E-04	2.29E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.43E-05	6.51E-04	-2.96E-05	-2.49E-02
ODP	kg CFC-11-eq.	7.46E-07	5.48E-09	1.95E-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.02E-10	3.41E-09	-9.62E-10	-2.40E-07
AP	mol H^+-eq.	3.40E-01	1.27E-03	7.03E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.01E-04	1.99E-03	-3.92E-04	-8.76E-02
EP-fw	kg P-eq.	3.27E-02	2.71E-05	7.83E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.96E-06	5.78E-05	-1.07E-05	-8.04E-03
EP-m	kg N-eq.	6.10E-02	2.31E-04	9.65E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82E-05	7.05E-04	-1.08E-04	-2.39E-02
EP-t	mol N-eq.	6.15E-01	2.39E-03	2.28E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.36E-04	6.25E-03	-1.16E-03	-2.52E-01
POCP	kg NMVOC-eq.	1.99E-01	8.82E-04	4.03E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13E-04	1.78E-03	-2.90E-04	-1.31E-01
ADPF*[2]	MJ	6.95E+02	0.00E+00	1.88E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35E-07	2.24E-06	-8.53E-08	-5.65E-04
ADPE*[2]	kg Sb equivalent	7.55E-03	4.91E+00	7.58E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.18E-01	3.11E+00	-8.89E-01	-2.64E+02
WDP*[2]	m^3 world-eq. deprived	1.43E+02	2.45E-02	7.63E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.60E-03	3.76E-02	-4.92E-03	-7.53E+00
Resource management																
PERE	MJ	4.88E+02	6.17E-02	2.32E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.02E-03	1.44E-01	-1.51E-02	-5.93E+01
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	4.88E+02	6.17E-02	2.32E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.02E-03	1.44E-01	-1.51E-02	-5.93E+01
PENRE	MJ	6.84E+02	4.91E+00	1.07E+01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.18E-01	3.29E+00	-8.84E-01	-2.64E+02
PENRM	MJ	1.07E+01	0.00E+00	-1.07E+01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	-1.77E-01	-5.36E-03	0.00E+00
PENRT	MJ	6.95E+02	4.91E+00	7.58E-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.18E-01	3.11E+00	-8.89E-01	-2.64E+02
SM	kg	8.74E-01	2.06E-03	4.61E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.01E-04	2.70E-03	-3.40E-04	-2.59E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	2.98E+00	6.71E-04	1.95E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.90E-05	8.65E-04	-8.93E-04	-2.13E-01
Categories of waste																
HWD	kg	3.82E+00	3.60E-03	6.41E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.27E-04	5.65E-03	-7.64E-04	-7.16E+00
NHWD	kg	1.59E+02	1.15E-01	3.53E-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68E-02	1.95E-01	-2.27E-02	-3.75E+01
RWD	kg	2.38E-03	0.00E+00	3.19E-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56E-07	1.66E-06	-2.80E-07	-3.64E-04
Output material flows																
CRU	kg	0.00E+00	0.00E+00	0.00E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	kg	4.92E-02	0.00E+00	1.37E-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.59E-06	4.33E+00	-6.20E-06	-6.00E-03
MER	kg	1.23E-04	0.00E+00	5.82E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.03E-08	3.19E-07	-2.79E-08	-3.27E-04
EE	MJ	3.77E-01	0.00E+00	2.36E-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28E-04	1.30E-03	-1.53E-04	-4.91E-01

Key:
GWP-t – global warming potential - total **GWP-f** – global warming potential fossil fuels **GWP-b** – global warming potential - biogenic **GWP-l** – global warming potential - land use and land use change **ODP** – ozone depletion potential **AP** - acidification potential **EP-fw** - eutrophication potential - aquatic freshwater **EP-m** - eutrophication potential - aquatic marine **EP-t** - feutrophication potential - terrestrial **POCP** - photochemical ozone formation potential **ADPF*[2]** - abiotic depletion potential – fossil resources **ADPE*[2]** - abiotic depletion potential - minerals&metals **WDP*[2]** - Water (user) deprivation potential **PERE** - Use of renewable primary energy **PERM** - use of renewable primary energy resources **PERT** - total use of renewable primary energy resources **PENRE** - use of non-renewable primary energy **PENRM** - use of non-renewable primary energy resources **PENRT** - total use of non-renewable primary energy resources **SM** - use of secondary material **RSF** - use of renewable secondary fuels **NRSF** - use of non-renewable secondary fuels **FW** - net use of fresh water **HWD** - hazardous waste disposed **NHWD** - non-hazardous waste disposed **RWD** - radioactive waste disposed **CRU** - components for re-use **MFR** - materials for recycling **MER** - materials for energy recovery **EE** - exported energy

Results per linear metre Sanpress Inox pipe															
	Unit	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Additional environmental impact indicators																
PM	Disease incidence	3.81E-06	3.14E-08	2.95E-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.01E-09	7.93E-08	-6.25E-09	-1.88E-06
IRP*[1]	kBq U235-eq.	8.03E+00	4.45E-03	1.37E-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.54E-04	6.86E-03	-1.16E-03	-1.46E+00
ETP-fw*[2]	CTUe	5.16E+02	2.59E+00	3.08E+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.78E-01	4.63E+00	-3.87E-01	-9.43E+01
HTP-c*[2]	CTUh	1.99E-07	0.00E+00	1.82E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.12E-11	7.04E-10	-2.28E-11	-1.49E-07
HTP-nc*[2]	CTUh	1.41E-06	1.44E-10	6.26E-09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.22E-10	7.15E-09	-2.59E-10	-5.36E-07
SQP*[2]	dimensionless	2.18E+02	4.83E+00	1.50E-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.22E-01	5.52E+00	-2.02E+00	-1.21E+02

Key:
PM – particulate matter emissions potential **IRP*[1]** – ionizing radiation potential – human health **ETP-fw*[2]** - Eco-toxicity potential – freshwater **HTP-c*[2]** - Human toxicity potential – cancer effects **HTP-nc*[2]** - Human toxicity potential – non-cancer effects **SQP*[2]** – soil quality potential

Disclaimers:

*1 This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionising radiation from the soil, from radon and from some building materials is also not measured by this indicator.

*2 The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.

6.4 Interpretation, LCA presentation and critical review

Evaluation

The environmental impacts of

- Sanpress Inox
- Sanpress Inox G
- Sanpress Inox LF
- Sanpress Inox pipe

differ in parts. The differences in the environmental impact of the products lie in the various pre-products and raw materials used and in the mass of the pre-products and raw materials used in each case. Increasing the proportion of recycling can reduce these environmental impacts.

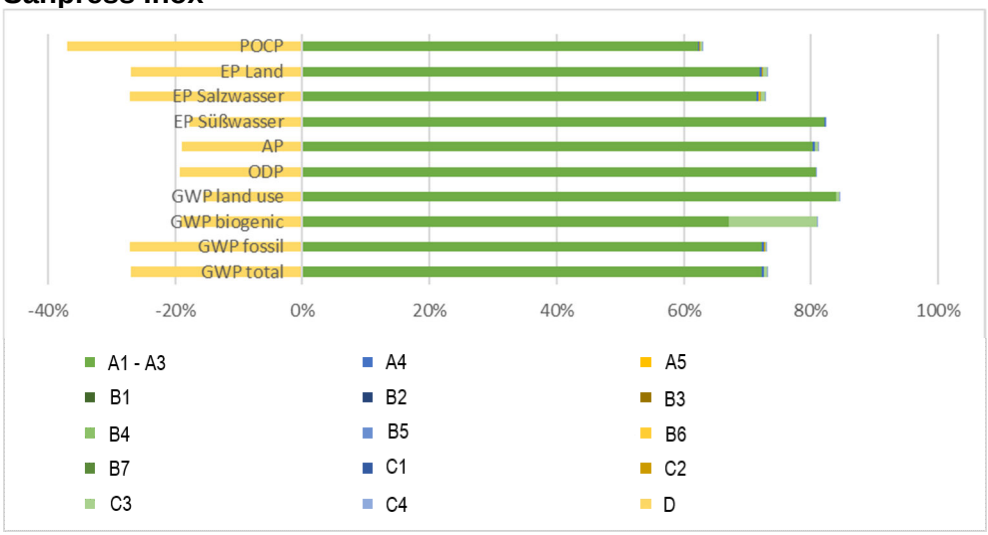
The main environmental impact of production is caused by the raw material stainless steel. This is to be expected, as the main proportion of stainless steel is up to 100 percent depending on the product (pipes) and the high LCIA values associated with the raw material are the main source of emissions.

The LCA covers the complete life cycle. As the products do not generate any emissions in the use stage, here the value is 0. The replacement was balanced separately in B4 for 1 year as a scenario. Otherwise, there is no environmental impact during the use phase. The more stainless steel in the product, the greater the environmental impact.

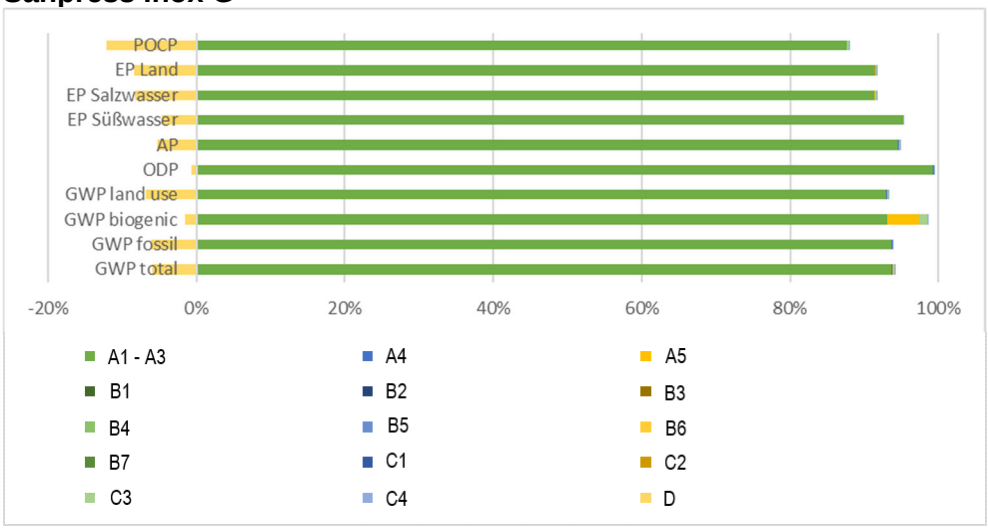
Due to the main material stainless steel, there are correspondingly high credits at the end of life (depending on the environmental indicator).
The charts below show the allocation of the main environmental impacts.

The values obtained from the LCA calculation are suitable for the certification of buildings.

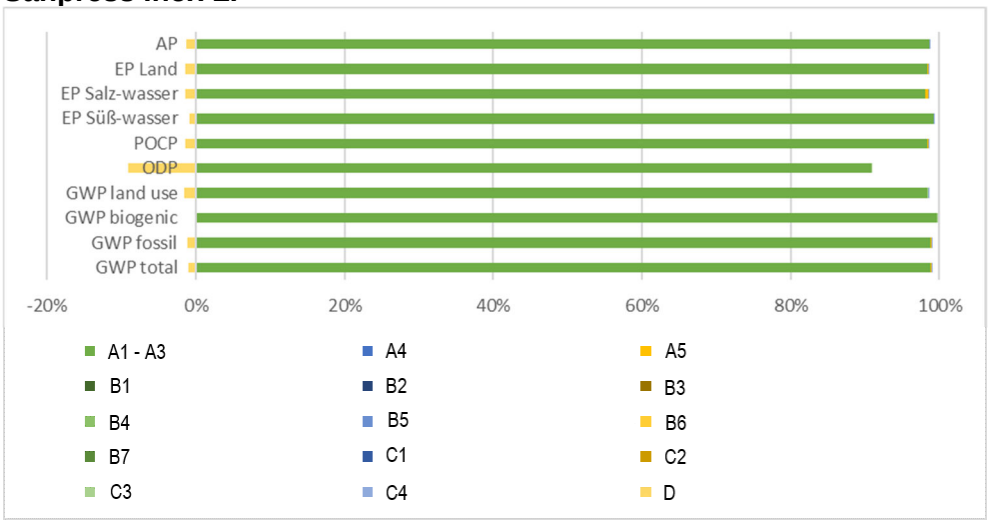
Sanpress Inox



Sanpress Inox G



Sanpress Inox LF



Sanpress Inox pipe

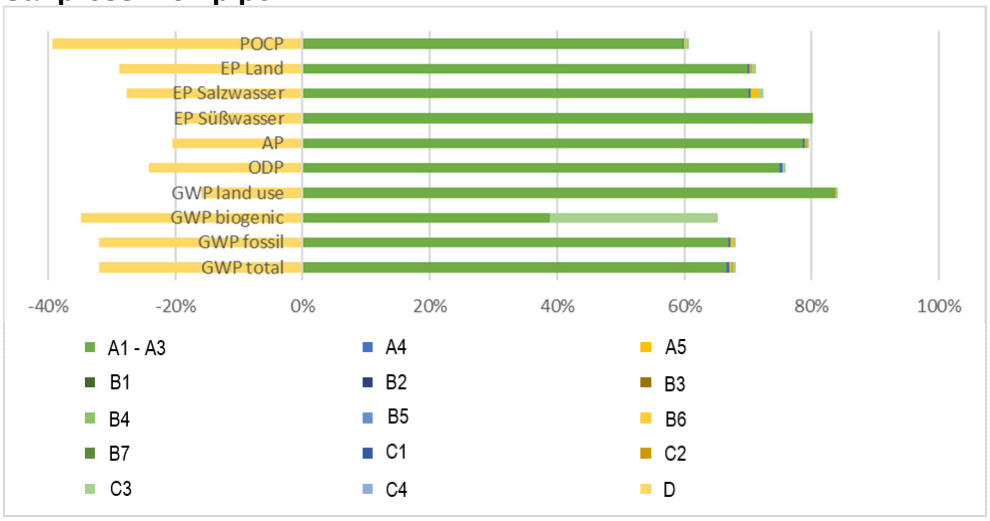


Illustration 3 Percentage of the modules in selected environmental impact categories

Report

The LCA report underlying this EPD was developed according to the requirements of DIN EN ISO 14040 and DIN EN ISO 14044 as well as DIN EN 15804 and DIN EN ISO 14025. It is deposited with ift Rosenheim. The results and conclusions reported to the target group are complete, correct, without bias and transparent. The results of the study are not designed to be used for comparative statements intended for publication.

Critical review

The critical review of the LCA and of the report took place in the course of verification of the EPD and was carried out by the external auditor Prof. Dr. Eric Brehm.

7 General information regarding the EPD

Comparability

This EPD was prepared in accordance with DIN EN 15804 and is therefore only comparable to those EPDs that also comply with the requirements set out in DIN EN 15804.
Any comparison must refer to the building context and the same boundary conditions of the various life cycle stages.
For comparing EPDs of construction products, the rules set out in DIN EN 15804, Clause 5.3, apply.

The detailed individual results of the products were summarised on the basis of conservative assumptions and differ from the average results. Identification of the product groups and the resulting variations are documented in the background report.

Communication

The communications format of this EPD meets the requirements of EN 15942:2012 and is therefore the basis for B2B communication. Only the nomenclature has been changed according to DIN EN 15804.

Verification

Verification of the Environmental Product Declaration is documented in accordance with the ift "Richtlinie zur Erstellung von Typ III Umweltproduktdeklarationen" (Guidance on preparing Type III Environmental Product Declarations) in accordance with the requirements set out in DIN EN ISO 14025.

This declaration is based on the PCR documents “PCR Part A” PCR-A-0.3:2018 and “Piping systems including connecting and fitting technology” PCR-RS-1.0:2022.

The European standard EN 15804 serves as the core PCR [a)]
Independent verification of the declaration and statement according to EN ISO 14025:2010
Independent third party verifier: [b)] Eric Brehm
[a)] Product category rules [b)] Optional for business-to-business communication Mandatory for business-to-consumer communication (see EN ISO 14025:2010. 9.4).

Revisions of this document

No.	Date	Note	Person in charge	Testing personnel
1	11.12.2023	External verification	Pscherer	Brehm
2	05.08.2024	Formal adjustment	Pscherer	--
3	28.08.2024	Formal adjustment	Dumproff	--
4	29.10.2025	Adjustment Conversion factors	Ludwig	--
5	21.11.2025	Adjustment REACH-declaration	Brechleiter	--

8 Bibliography

1. **Research project.** *"EPDs für transparente Bauelemente" (EPDs for transparent building components) - Final report.* Rosenheim: ift Rosenheim GmbH, 2011. SF-10.08.18.7-09.21/II 3-F20-09-1-067.
2. **Klöpffer, W und Grahl, B.** *Ökobilanzen (LCA).* Weinheim: Wiley-VCH-Verlag, 2009.
3. **Eyerer, P. und Reinhardt, H.-W.** *Ökologische Bilanzierung von Baustoffen und Gebäuden - Wege zu einer ganzheitlichen Bilanzierung. (LCA of building materials and buildings - Routes to integrated LCA).* Basel: Birkhäuser Verlag, 2000.
4. **Gefahrstoffverordnung - GefStoffV. (Hazardous substances regulation).** *Verordnung zum Schutz vor Gefahrstoffen (Regulation on protection against hazardous substances).* Berlin: BGBI. (Federal Gazette) I S. 3758, 2017.
5. **Chemikalien-Verbotsverordnung - ChemVerbotsV. (Chemicals Prohibition Regulation).** *Verordnung über Verbote und Beschränkungen des Inverkehrbringens gefährlicher Stoffe, Zubereitungen und Erzeugnisse Chemikaliengesetz (Regulation on bans and restrictions of the placing on the market of hazardous substances, formulations and products covered by the Chemicals Law).* Berlin: BGBI. (Federal Gazette) I S. 1328, 2017.
6. **DIN EN ISO 14040:2018-05.** *Environmental management - Life cycle assessment - Principles and framework.* Berlin: Beuth Verlag GmbH, 2018.
7. **DIN EN ISO 14044:2006-10.** *Environmental management - Life cycle assessment - Requirements and guidelines.* Berlin: Beuth Verlag GmbH, 2006.
8. **EN ISO 14025:2011-10.** *Environmental labels and declarations - Type III environmental declarations - Principles and procedures.* Berlin: Beuth Verlag GmbH, 2011.
9. **DIN EN ISO 14067:2019-02.** *Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification.* Berlin: Beuth Verlag GmbH, 2019.
10. **OENORM S 5200:2009-04-01.** *Radioactivity in construction materials.* Berlin: Beuth Verlag GmbH, 2009.
11. **PCR Part B - Piping systems including connecting and fitting technology.** *Product category rules for environmental product declarations as per EN ISO 14025 and EN 15804.* Rosenheim: ift Rosenheim, 2022.
12. **DIN EN 16757:2017.** *Sustainability of construction works - Environmental product declarations - Product Category Rules for concrete and concrete elements.* Berlin: Beuth Verlag GmbH, 2017.
13. **EN 15942:2012-01.** *Sustainability of construction works - Environmental product declarations - Communication format business-to-business.* Berlin: Beuth Verlag GmbH, 2012.
14. **EN 17672:2022.** *Sustainability of construction works - Environmental product declarations - Horizontal rules for business-to-consumer communication.* Berlin: Beuth Verlag GmbH, 2022.
15. **DIN EN 15804:2012+A2:2019+AC:2021.** *Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products:* Berlin: Beuth Verlag GmbH, 2022.
16. **Bundesministerium für Umwelt, Naturschutz, Bau und Reaktorsicherheit (Federal Ministry for the Environment, Nature Conservation and Nuclear Safety).** *Leitfaden Nachhaltiges Bauen (Guidance on Sustainable Building).* Berlin: s.n., 2016.
17. **DIN EN 13501-1:2010-01.** *Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests.* Berlin: Beuth Verlag GmbH, 2010.
18. **DIN EN ISO 16000 Parts 6, 9, 11.** *Indoor air: Determination of the emission of volatile organic compounds from building products and furnishing.* Berlin: Beuth Verlag GmbH, 2012, 2008, 2006.
19. **Bundesimmissionsschutzgesetz - BImSchG. (Federal Immission Law).** *Gesetz zum Schutz vor schädlichen Umwelteinwirkungen durch Luftverunreinigungen, Geräusche, Erschütterungen und ähnlichen Vorgängen (Law on harmful environmental impacts by air contamination, noise, vibrations and similar processes).* Berlin: BGBI. (Federal Gazette) I S. 3830, 2017.
20. **Chemikaliengesetz – ChemG (Chemicals Act).** *Law on protection against hazardous substances - Subdivided into Chemicals Law and a series of regulations; of relevance here: Law on protection against hazardous substances.* Berlin: BGBI. (Federal Gazette) I S. 1146, 2017.
21. **DIN EN ISO 12457 Part 1-4.** *Characterization of waste - Leaching; Compliance test for leaching of granular waste materials and sludges - Part 1-4:* Berlin: Beuth Verlag GmbH, 2003.
22. **ift Rosenheim GmbH.** *Conditions and Guidance for the Use of ift Test Documents.* Rosenheim: s.n., 2016.
23. ift-Guideline NA-01/4. *General guideline for preparation of Type III Environmental Product Declarations* Rosenheim: ift Rosenheim GmbH, 2023.
24. **PCR Part A.** *Product category rules for environmental product declarations as per EN ISO 14025 and EN 15804.* Rosenheim: ift Rosenheim, 2018.

9 Annex A

Description of life cycle scenarios for Sanpress Inox press connectors and pipes

Product stage			Con-struction process stage		Use stage*							End-of-life stage				Benefits and loads beyond system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Raw material supply	Transport	production	Transport	Construction/installation process	Use	maintenance	Repair	replacement	Refurbishment	Operational energy use	Operational water use	Deconstruction/demolition	Transport	Waste processing	Disposal	Reuse Recovery Recycling potential
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* For declared B-modules, the calculation of the results is performed taking into account the specified RSL related to one year

Table 6 Overview of applied life cycle stages

The scenarios were calculated taking into account the defined RSL (see 4 Use stage).

The scenarios were furthermore based on the research project “EPDs for transparent building components”. (1)

Note: The standard scenarios selected are presented in bold type. They were also used for calculating the indicators in the summary table.

✓ Included in the LCA
— Not included in the LCA

A4 Transport to construction site

No.	Scenario	Description
A4.1	**National**	**Transport mix 35-53% capacity used[1], approx. 600 km**
A4.2	International/EU country	Transport mix 35-53% capacity used[1], approx. 2,000 km
A4.3	International/Non-EU	Transport mix 35-53% capacity used[1], approx. 15,000 km

[1] Capacity used: utilized loading capacity of the truck

The transport distances shown represent a transport average with the following transport mix. The scenarios include the return transport, if applicable.

Shipping method	Network fleet structure	Share in %		
		A4.1	A4.2	A4.3
Parcel service provider (CEP - Courier-Express- Parcel service)	Van 7.5 – 16 t (Euro 6), diesel, 35% capacity utilization	2	0	0.5
Forwarding agency and own truck fleet	32 - 40 t truck/semitrailer (Euro 6), diesel, 53% capacity utilization	98	90	85
Air freights	Cargo and passenger aircrafts, kerosene	0	9	11
Seagoing vessels/containers	Seagoing/container vessels to receiving port, heavy oil	0	1	3.5

A4 Transport to construction site	Transport weight [kg] per declared unit	Density [kg/m³]	Capacity load factor[2]
Sanpress Inox	1.03	7.90	0.80
Sanpress Inox G	1.06	7.90	0.80
Sanpress Inox LF	1.73	7.90	0.80
Sanpress Inox pipe	5.17	7.90	0.80

[2] Capacity load factor:
= 1 Product completely fills the packaging (without air inclusion)
< 1 Packaging contains unused volume (e.g.: air, filling material)
> 1 Product is packed in compressed form

The scenarios were calculated per kg and can be scaled to the product group using the above masses.

A4 Transport to the construction site per 1 kg	Unit	A4.1	A4.2	A4.3
Core indicators				
GWP-t	kg CO_2 equivalent	**6.27E-05**	3.33E-04	2.81E-03
GWP-f	kg CO_2 equivalent	**6.26E-05**	3.33E-04	2.81E-03
GWP-b	kg CO_2 equivalent	**2.18E-08**	8.84E-08	7.09E-07
GWP-l	kg CO_2 equivalent	**3.21E-08**	1.06E-07	7.96E-07
ODP	kg CFC-11-eq.	**1.06E-12**	5.45E-12	4.58E-11
AP	mol H^+-eq.	**1.71E-07**	1.16E-06	1.03E-05
EP-fw	kg P-eq.	**5.24E-09**	1.74E-08	1.31E-07
EP-m	kg N-eq.	**4.47E-08**	3.98E-07	3.63E-06
EP-t	mol N-eq.	**4.62E-07**	4.21E-06	3.85E-05
POCP	kg NMVOC-eq.	**2.45E-07**	1.62E-06	1.42E-05
ADPF	MJ	**9.49E-04**	4.78E-03	4.00E-02
ADPE	kg Sb equivalent	**1.81E-10**	5.55E-10	4.09E-09
WDP	m³ world-eq. deprived	**4.74E-06**	1.66E-05	1.27E-04
Resource management				
PERE	MJ	**1.19E-05**	4.13E-05	3.15E-04
PERM	MJ	**0.00**	0.00	0.00

PERT	MJ	**1.19E-05**	4.13E-05	3.15E-04
PENRE	MJ	**9.49E-04**	4.78E-03	4.00E-02
PENRM	MJ	**0.00**	0.00	0.00
PENRT	MJ	**9.49E-04**	4.78E-03	4.00E-02
SM	kg	**3.98E-07**	1.33E-06	1.00E-05
RSF	MJ	**0.00**	0.00	0.00
NRSF	MJ	**0.00**	0.00	0.00
FW	m^3	**1.30E-07**	4.63E-07	3.54E-06
Categories of waste				
HWD	kg	**6.96E-07**	2.36E-06	1.78E-05
NHWD	kg	**2.23E-05**	7.40E-05	5.57E-04
RWD	kg	**2.05E-10**	7.39E-10	5.69E-09
Output material flows				
CRU	kg	**0.00**	0.00	0.00
MFR	kg	**7.38E-09**	2.84E-08	2.27E-07
MER	kg	**4.16E-11**	1.35E-10	1.02E-09
EEE	MJ	**1.68E-07**	5.81E-07	4.41E-06
Additional environmental impact indicators				
PM	Disease incidence	**6.08E-12**	1.94E-11	1.43E-10
IRP	kBq U235-eq.	**8.61E-07**	3.15E-06	2.44E-05
ETPfw	CTUe	**5.01E-04**	2.44E-03	2.02E-02
HTPc	CTUh	**2.78E-14**	9.74E-14	7.45E-13
HTPnc	CTUh	**6.85E-13**	3.61E-12	3.04E-11
SQP	dimensionless	**9.33E-04**	2.92E-03	2.12E-02

A5 Construction/Installation

No.	Scenario	Description
A5.1	**Manual**	**According to the manufacturer. the products are installed with battery-operated pressing pliers (0.0009 kWh/kg, electricity mix (GLO)).**

In case of deviating consumption during installation/assembly of the products which forms part of the site management, they are covered at the building level.

The following quantities of waste materials are produced during installation.

Product group	Waste materials in kg	of which quantities collected for waste recycling (output materials) in kg
Sanpress Inox	0.028	0.029
Sanpress Inox G	0.057	0.030
Sanpress Inox LF	0.730	0.029
Sanpress Inox pipe	1.247	0.140

Ancillary materials, consumables, use of water, use of other resources, material losses as well as direct emissions during installation are negligible.

It is assumed that the packaging material in the Module construction / installation is sent to waste handling. Waste is only thermally recycled in line with the conservative approach:

- Electricity replaces electricity mix (GLO, high voltage, market group);
- Thermal energy replaces thermal energy from natural gas (district or industrial, natural gas, RoW).
- Stainless steel recyclate used in A3 replaces 100% of stainless steel (Sanpress Inox, Sanpress Inox G, Sanpress Inox LF, Sanpress Inox pipes).

Transport to the recycling plants is included.

Since this is a single scenario, the results are shown in the relevant summary table.

B1 Use (not relevant)

Refer to Section 4 Use stage - Emissions to the environment.
No emissions are known which may occur during the use stage of the products because press fitting is without contact to air, water and soil.

Since this is a single scenario, the results are shown in the relevant summary table.

B2 Cleaning, maintenance and repair (not relevant)

B2.1 Cleaning (not relevant)

No cleaning is required.

Ancillary materials, consumables, use of energy and water, material losses and waste as well as transport distances during cleaning are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B2.2 Maintenance and repair (not relevant)

No maintenance is required.

Ancillary materials, consumables, use of energy and water, waste, material losses and transport distances during maintenance are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B3 Repair (not relevant)
No repair of the components of the building part is required.

For updated information refer to the respective instructions for assembly/installation, operation and maintenance from Viega GmbH & Co. KG.

Ancillary materials, consumables, use of energy and water, waste, material losses and transport distances during repair are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B4 Exchange / Replacement

No.	Scenario	Description
B4.1	**No replacement**	**According to manufacturer, a replacement is not planned.**
B4.2	Normal use and heavy use	One-time replacement after 50 years (RSL)* Energy consumption 0.0009 kWh/kg.

*Assumptions for evaluation of possible environmental impacts; statements made do not constitute any guaranty or warranty of performance.

The statements made in this EPD are only informative to allow evaluation at the building level.

It is assumed that no replacement will be necessary during the 50-year reference service life and the 50-year building service life. The environmental impacts of replacement are due to the product, construction and disposal stages.

The results were based on one year, taking into account the RSL.

For updated information refer to the respective instructions for assembly/installation, operation and maintenance from Viega GmbH & Co. KG.

B4 Exchange/ replacement	Unit	B4.1	B4.2			
			Sanpress Inox	Sanpress Inox G	Sanpress Inox LF	Sanpress Inox pipes
Core indicators						
GWP-t	kg CO_2 equivalent	0.00	9.85E+00	7.70E+01	5.37E+02	2.69E+01
GWP-f	kg CO_2 equivalent	0.00	9.67E+00	7.37E+01	5.15E+02	2.66E+01
GWP-b	kg CO_2 equivalent	0.00	1.64E-01	3.21E+00	2.21E+01	2.01E-01
GWP-l	kg CO_2 equivalent	0.00	2.42E-02	6.97E-02	3.49E-01	1.07E-01
ODP	kg CFC-11-eq.	0.00	4.72E-05	7.66E-06	1.51E-04	5.14E-07
AP	mol H^+-eq.	0.00	5.33E-02	3.20E-01	2.10E+00	2.12E-01
EP-fw	kg P-eq.	0.00	6.47E-03	3.39E-02	2.15E-01	2.47E-02
EP-m	kg N-eq.	0.00	8.79E-03	5.30E-02	3.50E-01	3.90E-02
EP-t	mol N-eq.	0.00	9.44E-02	5.54E-01	3.65E+00	3.73E-01
POCP	kg NMVOC-eq.	0.00	2.99E-02	1.89E-01	1.26E+00	1.15E-01
ADPF	MJ	0.00	1.22E+02	1.01E+03	6.99E+03	4.38E+02
ADPE	kg Sb equivalent	0.00	1.51E-03	3.05E-03	1.29E-02	6.98E-03
WDP	m^3 world-eq. deprived	0.00	2.64E+01	4.19E+01	1.32E+02	1.36E+02
Resource management						
PERE	MJ	0.00	8.81E+01	1.27E+02	3.56E+02	4.29E+02
PERM	MJ	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	0.00	8.81E+01	1.27E+02	3.56E+02	4.29E+02
PENRE	MJ	0.00	1.22E+02	1.01E+03	6.99E+03	4.38E+02
PENRM	MJ	0.00	7.81E-17	-1.65E-17	1.20E-16	1.10E-15
PENRT	MJ	0.00	1.22E+02	1.01E+03	6.99E+03	4.38E+02
SM	kg	0.00	-3.60E-01	1.02E-01	3.13E+00	-1.71E+00
RSF	MJ	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m^3	0.00	5.54E-01	1.26E+00	5.63E+00	2.77E+00
Categories of waste						
HWD	kg	0.00	-5.11E-01	4.85E+00	4.01E+01	-3.33E+00
NHWD	kg	0.00	3.14E+01	1.53E+02	9.56E+02	1.21E+02
RWD	kg	0.00	5.02E-04	2.72E-03	1.72E-02	2.02E-03
Output material flows						
CRU	kg	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	kg	0.00	9.68E-01	1.83E+00	7.45E+00	4.38E+00
MER	kg	0.00	-4.35E-05	5.21E-07	2.69E-04	-2.03E-04
EE	MJ	0.00	-1.59E-04	5.09E-01	3.90E+00	-1.12E-01
Additional environmental impact indicators						
PM	Disease incidence	0.00	4.76E-07	2.05E-06	1.33E-05	2.33E-06
IRP	kBq U235-eq.	0.00	1.66E+00	9.28E+00	5.90E+01	6.58E+00
ETPfw	CTUe	0.00	1.03E+02	4.24E+02	2.57E+03	4.32E+02
HTPc	CTUh	0.00	1.39E-08	5.64E-08	3.67E-07	5.23E-08
HTPnc	CTUh	0.00	2.63E-07	2.10E-06	1.42E-05	8.94E-07
SQP	dimensionless	0.00	2.80E+01	1.42E+02	9.05E+02	1.06E+02

B5 Improvement/modernization (not relevant)
According to the manufacturer, the elements are not included in the improvement / modernisation activities for buildings.

For updated information refer to the respective instructions for assembly/installation, operation and maintenance from Viega GmbH & Co. KG.

Ancillary materials, consumables, use of energy and water, material losses, waste as well as transport distances during installation are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B6 Operational energy use (not relevant)
There is no energy used during normal use.

Ancillaries, consumables, water use, material losses, waste materials, transport distances and other scenarios are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

B7 Operational water use (not relevant)
No water consumption when used as intended. Water consumption for cleaning is specified in Module B2.1.

Ancillaries, consumables, energy use, material losses, waste materials, transport distances and other scenarios are negligible.

Since this is a single scenario, the results are shown in the relevant summary table.

C1 Deconstruction

No.	Scenario	Description
C1	**Deconstruction**	**Connecting technology 99% deconstruction.** **Further deconstruction rates are possible, give adequate reasons.**

No relevant inputs or outputs apply to the scenario selected. The energy consumed for deconstruction is negligible. Any arising consumption is marginal.

Since this is a single scenario, the results are shown in the relevant summary table.

In case of deviating consumption the removal of the products forms part of site management and is covered at the building level.

C2 Transport

No.	Scenario	Description
C2	**Transport**	**Transport to collection point with >32 t truck (Euro 4), diesel, 29.96 t payload, 53% capacity used, 50 km (1)**

Since this is a single scenario, the results are shown in the relevant summary table.

C3 Waste management

No.	Scenario	Description
C3	Current market situation	**Share for recirculation of materials:** • **(Stainless) Steel 98% in melt** (UBA, 2017) • **Plastics 60 % thermal recycling in incineration plants** (Zukunft Bauen, 2017) • **Plastics 40 % recycled** (Zukunft Bauen, 2017) • **Remainder to landfill/disposal,**

No electricity consumption for the recycling plant per declared unit was taken into account for waste treatment due to the low proportion and lack of sources.

As the products are placed on the European market, the disposal scenario is based on average European data sets.

The below table presents the disposal processes and their percentage by mass/weight. The calculation is based on the above mentioned shares in percent related to the declared unit of the product system.

C3 Disposal	Unit	Sanpress Inox	Sanpress Inox G	Sanpress Inox LF	Sanpress Inox pipes
Collection process, collected separately	kg	0.99	0.99	0.99	4.61
Collection process, collected as mixed construction waste	kg	0.01	0.01	0.01	0.05
Recovery system, for re-use	kg	0.00	0.00	0.00	0.00
Recovery system, for recycling	kg	0.96	0.96	0.96	4.52
Recovery system, for energy recovery	kg	0.01	0.01	0.01	0.00
Disposal	kg	0.03	0.03	0.03	0.14

The 100% scenarios differ from the current average recovery shown here (in background report C3.4). The evaluation of each scenario is described in the background report.

Since this is a single scenario, the results are shown in the summary table.

C4 Disposal

No.	Scenario	Description
C4	Disposal	**The non-recordable amounts and losses within the re-use/recycling chain (C1 and C3) are modelled as “disposed” (EU-28).**

The 100% scenarios differ from the current average recovery shown here (in background report C4.4). The evaluation of each scenario is described in the background report.

The consumption in scenario C4 results from physical pre-treatment, waste recycling and management of the disposal site. The benefits obtained here from the substitution of primary material production are allocated to Module D, e.g. electricity and heat from waste incineration.

Since this is a single scenario, the results are shown in the summary table.

D Benefits and loads from beyond the system boundaries		
No.	**Scenario**	**Description**
D	**Recycling potential**	**Stainless steel scrap from C3 excluding the scrap used in A3 replaces 100% of stainless steel;** **Plastic recyclate from C3 excluding the plastics used in A3 replaces 60% of tetrafluoroethylene;** **Benefits from incineration plant: Electricity replaces electricity mix (GLO), thermal energy replaces thermal energy from natural gas (RoW).**
The values in Module D result from recycling of the packaging material in Module A5 and from deconstruction at the end of service life. The 100% scenarios differ from the current average recovery shown here (in background report D4). The evaluation of each scenario is described in the background report. Since this is a single scenario, the results are shown in the summary table.		

Annex B: Product overview

Conversion table for unit weights for press connectors

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
224361	Sanpress Inox	Sanpress-Inox without thread	23255 Wall plate with SC 15x1/2 E 1 9	Wall plate with SC	23255	15 X 1/2	437244	103	0.10
224371	Sanpress Inox	Sanpress-Inox without thread	23255 Wall plate with SC 18x1/2 E 1 9	Wall plate with SC	23255	18 X 1/2	437251	103.2	0.10
224381	Sanpress Inox	Sanpress-Inox without thread	23255 Wall plate with SC 22x1/2 E 1 9	Wall plate with SC	23255	22 X 1/2	437268	124.6	0.12
224391	Sanpress Inox	Sanpress-Inox without thread	23255 Wall plate with SC 22x3/4 E 1 9	Wall plate with SC	23255	22 X 3/4	437275	151.6	0.15
224401	Sanpress Inox	Sanpress-Inox without thread	23255 Wall plate with SC 28x1 E 1 9	Wall plate with SC	23255	28 X 1	437282	256	0.26
224481	Sanpress Inox	Sanpress-INOX without thread	2326 Elbow 45°with SC 15 E 1 9	Elbow 45°with SC	2326	15	435776	35.7	0.04
224491	Sanpress Inox	Sanpress-INOX without thread	2326 Elbow 45°with SC 18 E 1 9	Elbow 45° with SC	2326	18	435783	42.6	0.04
224821	Sanpress Inox	Sanpress-INOX without thread	2326 Elbow 45°with SC 22 E 1 9	Elbow 45°with SC	2326	22	435790	65.4	0.07
224831	Sanpress Inox	Sanpress-INOX without thread	2326 Elbow 45°with SC 28 E 1 9	Elbow 45° with SC	2326	28	435806	88	0.09
224841	Sanpress Inox	Sanpress-INOX without thread	2326 Elbow 45°with SC 35 E 1 9	Elbow 45°with SC	2326	35	435813	118.4	0.12
224881	Sanpress Inox	Sanpress-INOX without thread	2326 Elbow 45°with SC 42 E 1 9	Elbow 45° with SC	2326	42	435363	232	0.23
224891	Sanpress Inox	Sanpress-INOX without thread	2326 Elbow 45°with SC 54 E 1 9	Elbow 45°with SC	2326	54	435370	328	0.33
224961	Sanpress Inox	Sanpress-INOX without thread	23261 Elbow 45°with SC 15 E 1 9	Elbow 45° with SC	23261	15	435387	30.2	0.03
224971	Sanpress Inox	Sanpress-INOX without thread	23261 Elbow 45°with SC 18 E 1 9	Elbow 45°with SC	23261	18	435394	37.5	0.04
224981	Sanpress Inox	Sanpress-INOX without thread	23261 Elbow 45°with SC 22 E 1 9	Elbow 45° with SC	23261	22	435400	58.9	0.06
224991	Sanpress Inox	Sanpress-INOX without thread	23261 Elbow 45°with SC 28 E 1 9	Elbow 45°with SC	23261	28	435417	83.2	0.08
235381	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 15x1/2 E 1 9	Union with SC	2365	15 X 1/2	438258	120	0.12
235391	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 15x3/4 E 1 9	Union with SC	2365	15 X 3/4	438265	129.3	0.13
235401	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 18x1/2 E 1 9	Union with SC	2365	18 X 1/2	438272	126	0.13
235411	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 18x3/4 E 1 9	Union with SC	2365	18 X 3/4	438289	130	0.13
235421	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 22x1/2 E 1 9	Union with SC	2365	22 X 1/2	438296	138	0.14
235431	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 22x3/4 E 1 9	Union with SC	2365	22 X 3/4	438302	144	0.14
235441	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 22x1 E 1 9	Union with SC	2365	22 X 1	438319	219	0.22
235451	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 28x3/4 E 1 9	Union with SC	2365	28 X 3/4	438326	218.8	0.22
235461	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 28x1 E 1 9	Union with SC	2365	28 X 1	438333	245.4	0.25
235471	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 35x11/4 E 1 9	Union with SC	2365	35 X 1 1/4	438340	409	0.41
235481	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 42x11/2 E 1 9	Union with SC	2365	42 X 1 1/2	438357	574	0.57

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
235491	Sanpress Inox	Sanpress-Inox without thread	2365 Union with SC 54x2 E 1 9	Union with SC	2365	54 X 2	438364	1057.2	1.06
238251	Sanpress Inox	Sanpress-INOX without thread	2327 Crossover with SC 15 E 1 9	Crossover with SC	2327	15	452926	63	0.06
238261	Sanpress Inox	Sanpress-INOX without thread	2327 Crossover with SC 18 E 1 9	Crossover with SC	2327	18	452933	82.6	0.08
238271	Sanpress Inox	Sanpress-INOX without thread	2327 Crossover with SC 22 E 1 9	Crossover with SC	2327	22	452940	127	0.13
239001	Sanpress Inox	Sanpress-INOX without thread	2356 Cap with SC 15 E 1 9	Cap with SC	2356	15	452858	19.4	0.02
239011	Sanpress Inox	Sanpress-INOX without thread	2356 Cap with SC 18 E 1 9	Cap with SC	2356	18	452865	23.7	0.02
239021	Sanpress Inox	Sanpress-INOX without thread	2356 Cap with SC 22 E 1 9	Cap with SC	2356	22	452872	34.6	0.03
239031	Sanpress Inox	Sanpress-INOX without thread	2356 Cap with SC 28 E 1 9	Cap with SC	2356	28	452889	45.6	0.05
239041	Sanpress Inox	Sanpress-INOX without thread	2356 Cap with SC 35 E 1 9	Cap with SC	2356	35	452896	56.5	0.06
239051	Sanpress Inox	Sanpress-INOX without thread	2356 Cap with SC 42 E 1 9	Cap with SC	2356	42	452902	113	0.11
239061	Sanpress Inox	Sanpress-INOX without thread	2356 Cap with SC 54 E 1 9	Cap with SC	2356	54	452919	156	0.16
240521	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 15x1/2 E 1 9	Adapter with SC	2311	15 X 1/2	436445	47.8	0.05
240531	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 15x3/4 E 1 9	Adapter with SC	2311	15 X 3/4	436452	60.4	0.06
240541	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 18x1/2 E 1 9	Adapter with SC	2311	18 X 1/2	436469	49	0.05
240551	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 18x3/4 E 1 9	Adapter with SC	2311	18 X 3/4	436476	65.5	0.07
240561	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 22x1/2 E 1 9	Adapter with SC	2311	22 X 1/2	436483	56.5	0.06
240571	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 22x3/4 E 1 9	Adapter with SC	2311	22 X 3/4	436490	69.8	0.07
240581	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 22x1 E 1 9	Adapter with SC	2311	22 X 1	436506	103.4	0.10
240591	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 28x3/4 E 1 9	Adapter with SC	2311	28 X 3/4	436513	80.5	0.08
240601	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 28x1 E 1 9	Adapter with SC	2311	28 X 1	436520	100.8	0.10
240611	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 35x1 E 1 9	Adapter with SC	2311	35 X 1	436537	111.5	0.11
240621	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 35x11/4 E 1 9	Adapter with SC	2311	35 X 1 1/4	436544	184.7	0.18
240631	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 42x11/2 E 1 9	Adapter with SC	2311	42 X 1 1/2	436551	285	0.29
240641	Sanpress Inox	Sanpress-Inox without thread	2311 Adapter with SC 54x2 E 1 9	Adapter with SC	2311	54 X 2	436568	376.8	0.38
240911	Sanpress Inox	Sanpress-Inox with thread	23111 Plug-in piece 15x1/2 E 1 9	Plug-in piece	23111	15 X 1/2	436704	41.2	0.04
240921	Sanpress Inox	Sanpress-Inox with thread	23111 Plug-in piece 18x1/2 E 1 9	Plug-in piece	23111	18 X 1/2	436711	43	0.04
240931	Sanpress Inox	Sanpress-Inox with thread	23111 Plug-in piece 18x3/4 E 1 9	Plug-in piece	23111	18 X 3/4	436728	56	0.06
240941	Sanpress Inox	Sanpress-Inox with thread	23111 Plug-in piece 22x1/2 E 1 9	Plug-in piece	23111	22 X 1/2	436735	49.06	0.05
240951	Sanpress Inox	Sanpress-Inox with thread	23111 Plug-in piece 22x3/4 E 1 9	Plug-in piece	23111	22 X 3/4	436742	62	0.06
240961	Sanpress Inox	Sanpress-Inox with thread	23111 Plug-in piece 28x1 E 1 9	Plug-in piece	23111	28 X 1	436759	90	0.09

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
240971	Sanpress Inox	Sanpress-Inox with thread	23111 Plug-in piece 35x11/4 E 1 9	Plug-in piece	23111	35 X 1 1/4	436766	178	0.18
240981	Sanpress Inox	Sanpress-Inox with thread	23111 Plug-in piece 42x11/2 E 1 9	Plug-in piece	23111	42 X 1 1/2	436773	263	0.26
240991	Sanpress Inox	Sanpress-Inox with thread	23111 Plug-in piece 54x2 E 1 9	Plug-in piece	23111	54 X 2	436780	355	0.36
241121	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 15x1/2 E 1 9	Adapter with SC	2312	15 X 1/2	436575	46	0.05
241131	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 15x3/4 E 1 9	Adapter with SC	2312	15 X 3/4	436582	59.4	0.06
241141	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 18x1/2 E 1 9	Adapter with SC	2312	18 X 1/2	436599	47	0.05
241151	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 18x3/4 E 1 9	Adapter with SC	2312	18 X 3/4	436605	62.75	0.06
241161	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 22x1/2 E 1 9	Adapter with SC	2312	22 X 1/2	436612	55	0.06
241171	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 22x3/4 E 1 9	Adapter with SC	2312	22 X 3/4	436629	69.5	0.07
241181	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 22x1 E 1 9	Adapter with SC	2312	22 X 1	436636	86.8	0.09
241191	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 28x3/4 E 1 9	Adapter with SC	2312	28 X 3/4	436643	76	0.08
241201	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 28x1 E 1 9	Adapter with SC	2312	28 X 1	436650	92.8	0.09
241211	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 35x11/4 E 1 9	Adapter with SC	2312	35 X 1 1/4	436667	144.2	0.14
241221	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 42x11/2 E 1 9	Adapter with SC	2312	42 X 1 1/2	436674	238	0.24
241231	Sanpress Inox	Sanpress-Inox without thread	2312 Adapter with SC 54x2 E 1 9	Adapter with SC	2312	54 X 2	436681	361.8	0.36
241511	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 15x1/2 E 1 9	Plug-in piece	23121	15 X 1/2	436797	39	0.04
241521	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 18x1/2 E 1 9	Plug-in piece	23121	18 X 1/2	436803	40.4	0.04
241531	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 18x3/4 E 1 9	Plug-in piece	23121	18 X 3/4	436810	55.8	0.06
241541	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 22x1/2 E 1 9	Plug-in piece	23121	22 X 1/2	436827	46.2	0.05
241551	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 22x3/4 E 1 9	Plug-in piece	23121	22 X 3/4	436834	67	0.07
241561	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 28x3/4 E 1 9	Plug-in piece	23121	28 X 3/4	436841	65	0.07
241571	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 28x1 E 1 9	Plug-in piece	23121	28 X 1	436858	83	0.08
241581	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 35x11/4 E 1 9	Plug-in piece	23121	35 X 1 1/4	436865	141	0.14
241591	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 42x11/2 E 1 9	Plug-in piece	23121	42 X 1 1/2	436872	243	0.24
241601	Sanpress Inox	Sanpress-Inox with thread	23121 Plug-in piece 54x2 E 1 9	Plug-in piece	23121	54 X 2	436889	338.5	0.34
241871	Sanpress Inox	Sanpress-Inox with thread	2314 Elbow 90°with SC 15x1/2 E 1 9	Elbow 90°wit h SC	2314	15 X 1/2	436896	56.9	0.06
241881	Sanpress Inox	Sanpress-Inox with thread	2314 Elbow 90°with SC 18x1/2 E 1 9	Elbow 90°with SC	2314	18 X 1/2	436902	64.3	0.06
241891	Sanpress Inox	Sanpress-Inox with thread	2314 Elbow 90°with SC 18x3/4 E 1 9	Elbow 90°wit h SC	2314	18 X 3/4	436919	81	0.08
241901	Sanpress Inox	Sanpress-Inox with thread	2314 Elbow 90°with SC 22x3/4 E 1 9	Elbow 90°with SC	2314	22 X 3/4	436926	104.6	0.10
241911	Sanpress Inox	Sanpress-Inox with thread	2314 Elbow 90°with SC 28x1 E 1 9	Elbow 90°wit h SC	2314	28 X 1	436933	166.6	0.17

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
241921	Sanpress Inox	Sanpress-Inox with thread	2314 Elbow 90°with SC 35x11/4 E 1 9	Elbow 90°with SC	2314	35 X 1 1/4	436940	247.8	0.25
241931	Sanpress Inox	Sanpress-Inox with thread	2314 Elbow 90°with SC 42x11/2 E 1 9	Elbow 90°wit h SC	2314	42 X 1 1/2	436957	445	0.45
241941	Sanpress Inox	Sanpress-Inox with thread	2314 Elbow 90°with SC 54x2 E 1 9	Elbow 90°with SC	2314	54 X 2	436964	610	0.61
242091	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 15x1/2 E 1 9	Elbow 90°w ith SC	23142	15 X 1/2	436971	77.4	0.08
242101	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 15x3/4 E 1 9	Elbow 90°with SC	23142	15 X 3/4	436988	78.2	0.08
242111	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 18x1/2 E 1 9	Elbow 90°w ith SC	23142	18 X 1/2	436995	76.9	0.08
242121	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 18x3/4 E 1 9	Elbow 90°with SC	23142	18 X 3/4	437008	89	0.09
242131	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 22x1/2 E 1 9	Elbow 90°w ith SC	23142	22 X 1/2	437015	95	0.10
242141	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 22x3/4 E 1 9	Elbow 90°with SC	23142	22 X 3/4	437022	105.4	0.11
242151	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 22x1 E 1 9	Elbow 90°w ith SC	23142	22 X 1	437039	166	0.17
242161	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 28x1 E 1 9	Elbow 90°with SC	23142	28 X 1	437046	190	0.19
242171	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 35x11/4 E 1 9	Elbow 90°w ith SC	23142	35 X 1 1/4	437053	290	0.29
242181	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 42x11/2 E 1 9	Elbow 90°with SC	23142	42 X 1 1/2	437060	431	0.43
242191	Sanpress Inox	Sanpress-Inox without thread	23142 Elbow 90°with SC 54x2 E 1 9	Elbow 90°w ith SC	23142	54 X 2	437077	660	0.66
242401	Sanpress Inox	Sanpress-Inox with thread	23145 Elbow 90°with SC 15x1/2 E 1 9	Elbow 90°with SC	23145	15 X 1/2	437091	54.7	0.05
242411	Sanpress Inox	Sanpress-Inox with thread	23145 Elbow 90°with SC 18x3/4 E 1 9	Elbow 90°wit h SC	23145	18 X 3/4	437107	72	0.07
242421	Sanpress Inox	Sanpress-Inox with thread	23145 Elbow 90°with SC 22x3/4 E 1 9	Elbow 90°with SC	23145	22 X 3/4	437114	102	0.10
242431	Sanpress Inox	Sanpress-Inox with thread	23145 Elbow 90°with SC 28x1 E 1 9	Elbow 90°wit h SC	23145	28 X 1	437121	148.6	0.15
242441	Sanpress Inox	Sanpress-Inox with thread	23145 Elbow 90°with SC 35x11/4 E 1 9	Elbow 90°with SC	23145	35 X 1 1/4	437138	208.4	0.21
242601	Sanpress Inox	Sanpress-INOX without thread	2315 Coupling with SC 15 E 1 9	Coupling with SC	2315	15	436155	34.3	0.03
242611	Sanpress Inox	Sanpress-INOX without thread	2315 Coupling with SC 18 E 1 9	Coupling with SC	2315	18	436162	41	0.04
242621	Sanpress Inox	Sanpress-INOX without thread	2315 Coupling with SC 22 E 1 9	Coupling with SC	2315	22	436179	61	0.06
242631	Sanpress Inox	Sanpress-INOX without thread	2315 Coupling with SC 28 E 1 9	Coupling with SC	2315	28	436186	75	0.08
242641	Sanpress Inox	Sanpress-INOX without thread	2315 Coupling with SC 35 E 1 9	Coupling with SC	2315	35	436193	96.5	0.10
242651	Sanpress Inox	Sanpress-INOX without thread	2315 Coupling with SC 42 E 1 9	Coupling with SC	2315	42	436209	181.8	0.18
242661	Sanpress Inox	Sanpress-INOX without thread	2315 Coupling with SC 54 E 1 9	Coupling with SC	2315	54	436216	241.8	0.24
242771	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 18x15 E 1 9	Reducer with SC	23151	18 X 15	436223	32.4	0.03
242781	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 22x15 E 1 9	Reducer with SC	23151	22 X 15	436230	37.3	0.04
242791	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 22x18 E 1 9	Reducer with SC	23151	22 X 18	436247	42	0.04
242801	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 28x15 E 1 9	Reducer with SC	23151	28 X 15	436254	52	0.05

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
242811	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 28x18 E 1 9	Reducer with SC	23151	28 X 18	436261	52.5	0.05
242821	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 28x22 E 1 9	Reducer with SC	23151	28 X 22	436278	62	0.06
242831	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 35x18 E 1 9	Reducer with SC	23151	35 X 18	436285	76.6	0.08
242841	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 35x22 E 1 9	Reducer with SC	23151	35 X 22	436292	76.8	0.08
242851	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 35x28 E 1 9	Reducer with SC	23151	35 X 28	436308	82.3	0.08
242861	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 42x22 E 1 9	Reducer with SC	23151	42 X 22	436315	115	0.12
242871	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 42x28 E 1 9	Reducer with SC	23151	42 X 28	436322	113	0.11
242881	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 42x35 E 1 9	Reducer with SC	23151	42 X 35	436339	116	0.12
242891	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 54x28 E 1 9	Reducer with SC	23151	54 X 28	436346	174	0.17
242901	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 54x35 E 1 9	Reducer with SC	23151	54 X 35	436353	175	0.18
242911	Sanpress Inox	Sanpress-INOX without thread	23151 Reducer with SC 54x42 E 1 9	Reducer with SC	23151	54 X 42	436360	219.5	0.22
243161	Sanpress Inox	Sanpress-INOX without thread	23155 Sliding coupling with SC 15 E 1 9	Sliding coupling with SC	23155	15	436377	51	0.05
243171	Sanpress Inox	Sanpress-INOX without thread	23155 Sliding coupling with SC 18 E 1 9	Sliding coupling with SC	23155	18	436384	55.2	0.06
243181	Sanpress Inox	Sanpress-INOX without thread	23155 Sliding coupling with SC 22 E 1 9	Sliding coupling with SC	23155	22	436391	77.5	0.08
243191	Sanpress Inox	Sanpress-INOX without thread	23155 Sliding coupling with SC 28 E 1 9	Sliding coupling with SC	23155	28	436407	110	0.11
243201	Sanpress Inox	Sanpress-INOX without thread	23155 Sliding coupling with SC 35 E 1 9	Sliding coupling with SC	23155	35	436414	148	0.15
243211	Sanpress Inox	Sanpress-INOX without thread	23155 Sliding coupling with SC 42 E 1 9	Sliding coupling with SC	23155	42	436421	246.5	0.25
243221	Sanpress Inox	Sanpress-INOX without thread	23155 Sliding coupling with SC 54 E 1 9	Sliding coupling with SC	23155	54	436438	342.5	0.34
243321	Sanpress Inox	Sanpress-INOX without thread	2316 Elbow 90°with SC 15 E 1 9	Elbow 90°with SC	2316	15	435639	40	0.04
243331	Sanpress Inox	Sanpress-INOX without thread	2316 Elbow 90°with SC 18 E 1 9	Elbow 90° with SC	2316	18	435646	50.38	0.05
243341	Sanpress Inox	Sanpress-INOX without thread	2316 Elbow 90°with SC 22 E 1 9	Elbow 90°with SC	2316	22	435653	82	0.08
243351	Sanpress Inox	Sanpress-INOX without thread	2316 Elbow 90°with SC 28 E 1 9	Elbow 90° with SC	2316	28	435660	116	0.12
243361	Sanpress Inox	Sanpress-INOX without thread	2316 Elbow 90°with SC 35 E 1 9	Elbow 90°with SC	2316	35	435677	146	0.15
243371	Sanpress Inox	Sanpress-INOX without thread	2316 Elbow 90°with SC 42 E 1 9	Elbow 90° with SC	2316	42	435684	310	0.31
243381	Sanpress Inox	Sanpress-INOX without thread	2316 Elbow 90°with SC 54 E 1 9	Elbow 90°with SC	2316	54	435691	455	0.46
243481	Sanpress Inox	Sanpress-INOX without thread	23161 Elbow 90°with SC 15 E 1 9	Elbow 90° with SC	23161	15	435707	36.8	0.04
243491	Sanpress Inox	Sanpress-INOX without thread	23161 Elbow 90°with SC 18 E 1 9	Elbow 90°with SC	23161	18	435714	47.1	0.05
243501	Sanpress Inox	Sanpress-INOX without thread	23161 Elbow 90°with SC 22 E 1 9	Elbow 90° with SC	23161	22	435721	76	0.08
243511	Sanpress Inox	Sanpress-INOX without thread	23161 Elbow 90°with SC 28 E 1 9	Elbow 90°with SC	23161	28	435738	107.5	0.11
243521	Sanpress Inox	Sanpress-INOX without thread	23161 Elbow 90°with SC 35 E 1 9	Elbow 90° with SC	23161	35	435745	142	0.14

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
243531	Sanpress Inox	Sanpress-INOX without thread	23161 Elbow 90°with SC 42 E 1 9	Elbow 90°with SC	23161	42	435752	293	0.29
243541	Sanpress Inox	Sanpress-INOX without thread	23161 Elbow 90°with SC 54 E 1 9	Elbow 90° with SC	23161	54	435769	428	0.43
243611	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 28x1x28 E 1 9	Tee with SC	23172	28 X 1 X 28	449506	169	0.17
243721	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 15x1/2x15 E 1 9	Tee with SC	23172	15 X 1/2 X 15	437145	75	0.08
243731	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 18x1/2x18 E 1 9	Tee with SC	23172	18 X 1/2 X 18	437152	89	0.09
243741	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 18x3/4x18 E 1 9	Tee with SC	23172	18 X 3/4 X 18	437169	101	0.10
243751	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 22x1/2x22 E 1 9	Tee with SC	23172	22 X 1/2 X 22	437176	109	0.11
243761	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 22x3/4x22 E 1 9	Tee with SC	23172	22 X 3/4 X 22	437183	125.7	0.13
243771	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 28x1/2x28 E 1 9	Tee with SC	23172	28 X 1/2 X 28	437190	131	0.13
243781	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 28x3/4x28 E 1 9	Tee with SC	23172	28 X 3/4 X 28	437206	148	0.15
243791	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 35x1/2x35 E 1 9	Tee with SC	23172	35 X 1/2 X 35	437213	154.6	0.15
243801	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 42x1/2x42 E 1 9	Tee with SC	23172	42 X 1/2 X 42	437220	260	0.26
243811	Sanpress Inox	Sanpress-Inox without thread	23172 Tee with SC 54x1/2x54 E 1 9	Tee with SC	23172	54 X 1/2 X 54	437237	319	0.32
244001	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 15 E 1 9	Tee with SC	2318	15	435851	67.3	0.07
244011	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 18 E 1 9	Tee with SC	2318	18	435868	83	0.08
244021	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 22 E 1 9	Tee with SC	2318	22	435875	124	0.12
244031	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 28 E 1 9	Tee with SC	2318	28	435882	165.5	0.17
244041	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 35 E 1 9	Tee with SC	2318	35	435899	196	0.20
244051	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 42 E 1 9	Tee with SC	2318	42	435905	376	0.38
244061	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 54 E 1 9	Tee with SC	2318	54	435912	499	0.50
244071	Sanpress Inox	Sanpress-Inox without thread	23171 Tee with SC 18x3/4x18 E 1 9	Tee with SC	23171	18 X 3/4 X 18	445973	117.2	0.12
244081	Sanpress Inox	Sanpress-Inox without thread	23171 Tee with SC 22x3/4x22 E 1 9	Tee with SC	23171	22 X 3/4 X 22	445980	123.5	0.12
244091	Sanpress Inox	Sanpress-Inox without thread	23171 Tee with SC 28x3/4x28 E 1 9	Tee with SC	23171	28 X 3/4 X 28	445997	145.5	0.15
244101	Sanpress Inox	Sanpress-Inox without thread	23171 Tee with SC 35x3/4x35 E 1 9	Tee with SC	23171	35 X 3/4 X 35	446000	171	0.17
244111	Sanpress Inox	Sanpress-Inox without thread	23171 Tee with SC 42x3/4x42 E 1 9	Tee with SC	23171	42 X 3/4 X 42	446017	267	0.27
244121	Sanpress Inox	Sanpress-Inox without thread	23171 Tee with SC 54x3/4x54 E 1 9	Tee with SC	23171	54 X 3/4 X 54	446024	333	0.33
244131	Sanpress Inox	Sanpress-Inox without thread	23171 Tee with SC 54x1x54 E 1 9	Tee with SC	23171	54 X 1 X 54	446031	385	0.39
244151	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 18x15x18 E 1 9	Tee with SC	2318	18 X 15 X 18	435929	78	0.08
244201	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 18x15x15 E 1 9	Tee with SC	2318	18 X 15 X 15	452469	76.9	0.08
244211	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 22x15x22 E 1 9	Tee with SC	2318	22 X 15 X 22	435936	103	0.10

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
244241	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 22x18x22 E 1 9	Tee with SC	2318	22 X 18 X 22	435943	109.1	0.11
244261	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 28x22x22 E 1 9	Tee with SC	2318	28 X 22 X 22	452506	151	0.15
244291	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 28x15x28 E 1 9	Tee with SC	2318	28 X 15 X 28	435950	123	0.12
244311	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 28x18x28 E 1 9	Tee with SC	2318	28 X 18 X 28	435967	128	0.13
244331	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 28x22x28 E 1 9	Tee with SC	2318	28 X 22 X 28	435974	144	0.14
244351	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 35x15x35 E 1 9	Tee with SC	2318	35 X 15 X 35	435981	147.7	0.15
244361	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 35x18x35 E 1 9	Tee with SC	2318	35 X 18 X 35	435998	160	0.16
244371	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 35x22x35 E 1 9	Tee with SC	2318	35 X 22 X 35	436001	171	0.17
244391	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 35x28x35 E 1 9	Tee with SC	2318	35 X 28 X 35	436018	193	0.19
244401	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 42x18x42 E 1 9	Tee with SC	2318	42 X 18 X 42	436025	260	0.26
244411	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 42x22x42 E 1 9	Tee with SC	2318	42 X 22 X 42	436032	270	0.27
244421	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 42x28x42 E 1 9	Tee with SC	2318	42 X 28 X 42	436049	298.5	0.30
244431	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 42x35x42 E 1 9	Tee with SC	2318	42 X 35 X 42	435837	300	0.30
244441	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 54x22x54 E 1 9	Tee with SC	2318	54 X 22 X 54	435844	328	0.33
244451	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 54x28x54 E 1 9	Tee with SC	2318	54 X 28 X 54	436056	350	0.35
244461	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 54x35x54 E 1 9	Tee with SC	2318	54 X 35 X 54	436063	371	0.37
244471	Sanpress Inox	Sanpress-INOX without thread	2318 Tee with SC 54x42x54 E 1 9	Tee with SC	2318	54 X 42 X 54	436070	426	0.43
246511	Sanpress Inox	Sanpress-Inox without thread	23173 Wall platen-Tee 15x1/2x15 E 1 9	Wall platen-Tee	23173	15 X 1/2 X 15	744083	122	0.12
246521	Sanpress Inox	Sanpress-Inox without thread	23173 Wall platen-Tee 22x1/2x22 E 1 9	Wall platen-Tee	23173	22 X 1/2 X 22	744090	160	0.16
260311	Sanpress Inox	Sanpress-Inox without thread	2360 Union with SC 15 E 1 9	Union with SC	2360	15	437381	151	0.15
260321	Sanpress Inox	Sanpress-Inox without thread	2360 Union with SC 18 E 1 9	Union with SC	2360	18	437398	142	0.14
260331	Sanpress Inox	Sanpress-Inox without thread	2360 Union with SC 22 E 1 9	Union with SC	2360	22	437404	217.5	0.22
260341	Sanpress Inox	Sanpress-Inox without thread	2360 Union with SC 28 E 1 9	Union with SC	2360	28	437411	385.6	0.39
260351	Sanpress Inox	Sanpress-Inox without thread	2360 Union with SC 35 E 1 9	Union with SC	2360	35	437428	472	0.47
260361	Sanpress Inox	Sanpress-Inox without thread	2360 Union with SC 42 E 1 9	Union with SC	2360	42	437435	661.4	0.66
260371	Sanpress Inox	Sanpress-Inox without thread	2360 Union with SC 54 E 1 9	Union with SC	2360	54	437442	1139.4	1.14
260541	Sanpress Inox	Sanpress-INOX without thread	23261 Elbow 45°with SC 35 E 1 9	Elbow 45°with SC	23261	35	435424	110.6	0.11
260551	Sanpress Inox	Sanpress-INOX without thread	23261 Elbow 45°with SC 42 E 1 9	Elbow 45° with SC	23261	42	435431	225	0.23
260561	Sanpress Inox	Sanpress-INOX without thread	23261 Elbow 45°with SC 54 E 1 9	Elbow 45°with SC	23261	54	435448	313	0.31
260681	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 15x1/2 E 1 9	Union with SC	2362	15 X 1/2	437459	118.5	0.12

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
260691	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 15x3/4 E 1 9	Union with SC	2362	15 X 3/4	437466	135.9	0.14
260701	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 18x1/2 E 1 9	Union with SC	2362	18 X 1/2	437473	123.3	0.12
260711	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 18x3/4 E 1 9	Union with SC	2362	18 X 3/4	437480	138.6	0.14
260721	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 22x1/2 E 1 9	Union with SC	2362	22 X 1/2	437497	133	0.13
260731	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 22x3/4 E 1 9	Union with SC	2362	22 X 3/4	437503	149.4	0.15
260741	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 22x1 E 1 9	Union with SC	2362	22 X 1	437510	258.5	0.26
260751	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 28x3/4 E 1 9	Union with SC	2362	28 X 3/4	437527	246	0.25
260761	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 28x1 E 1 9	Union with SC	2362	28 X 1	437534	270	0.27
260771	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 35x11/4 E 1 9	Union with SC	2362	35 X 1 1/4	437541	384	0.38
260781	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 42x11/2 E 1 9	Union with SC	2362	42 X 1 1/2	437558	508	0.51
260791	Sanpress Inox	Sanpress-Inox without thread	2362 Union with SC 54x2 E 1 9	Union with SC	2362	54 X 2	437565	788.7	0.79
265631	Sanpress Inox	Sanpress-Inox without thread	2355 Union with SC 15x1/2 E 1 9	Union with SC	2355	15 X 1/2	437299	139.4	0.14
265641	Sanpress Inox	Sanpress-Inox without thread	2355 Union with SC 18x1/2 E 1 9	Union with SC	2355	18 X 1/2	437305	143.4	0.14
265651	Sanpress Inox	Sanpress-Inox without thread	2355 Union with SC 18x3/4 E 1 9	Union with SC	2355	18 X 3/4	437312	205	0.21
265661	Sanpress Inox	Sanpress-Inox without thread	2355 Union with SC 22x3/4 E 1 9	Union with SC	2355	22 X 3/4	437329	222	0.22
265671	Sanpress Inox	Sanpress-Inox without thread	2355 Union with SC 22x1 E 1 9	Union with SC	2355	22 X 1	437336	275.4	0.28
265681	Sanpress Inox	Sanpress-Inox without thread	2355 Union with SC 28x1 E 1 9	Union with SC	2355	28 X 1	437343	342.6	0.34
265691	Sanpress Inox	Sanpress-Inox without thread	2355 Union with SC 35x11/4 E 1 9	Union with SC	2355	35 X 1 1/4	437350	488	0.49
265731	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 15x1/2 E 1 9	Union with SC	2363	15 X 1/2	437572	47.8	0.05
265741	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 15x3/4 E 1 9	Union with SC	2363	15 X 3/4	437589	64.4	0.06
265751	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 18x1/2 E 1 9	Union with SC	2363	18 X 1/2	437596	56	0.06
265761	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 18x3/4 E 1 9	Union with SC	2363	18 X 3/4	437602	68	0.07
265771	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 22x3/4 E 1 9	Union with SC	2363	22 X 3/4	437619	75.2	0.08
265781	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 22x1 E 1 9	Union with SC	2363	22 X 1	437626	101	0.10
265791	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 28x1 E 1 9	Union with SC	2363	28 X 1	437633	120	0.12
265921	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 28x11/4 E 1 9	Union with SC	2363	28 X 1 1/4	437640	150.8	0.15
265931	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 35x11/2 E 1 9	Union with SC	2363	35 X 1 1/2	437862	191.9	0.19
265941	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 42x13/4 E 1 9	Union with SC	2363	42 X 1 3/4	437893	304.5	0.30
265951	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 42x2 E 1 9	Union with SC	2363	42 X 2	437923	335	0.34
265961	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 54x23/8 E 1 9	Union with SC	2363	54 X 2 3/8	437947	523.1	0.52

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
265971	Sanpress Inox	Sanpress-Inox without thread	2363 Union with SC 54x21/2 E 1 9	Union with SC	2363	54 X 2 1/2	437992	660	0.66
269721	Sanpress Inox	Sanpress-Inox without thread	2355 Union with SC 42x11/2 E 1 9	Union with SC	2355	42 X 1 1/2	437367	738	0.74
269731	Sanpress Inox	Sanpress-Inox without thread	2355 Union with SC 54x2 E 1 9	Union with SC	2355	54 X 2	437374	1254	1.25
269881	Sanpress Inox	Sanpress-Inox without thread	2364 Union 15x3/4 E 1 9	Union	2364	15 X 3/4	438180	39.04	0.04
269891	Sanpress Inox	Sanpress-Inox without thread	2364 Union 18x3/4 E 1 9	Union	2364	18 X 3/4	438197	40	0.04
269931	Sanpress Inox	Sanpress-Inox without thread	2364 Union 22x1 E 1 9	Union	2364	22 X 1	438203	68.3	0.07
269941	Sanpress Inox	Sanpress-Inox without thread	2364 Union 28x11/4 E 1 9	Union	2364	28 X 1 1/4	438210	95.8	0.10
269951	Sanpress Inox	Sanpress-Inox without thread	2364 Union 35x11/2 E 1 9	Union	2364	35 X 1 1/2	438227	132.3	0.13
269961	Sanpress Inox	Sanpress-Inox without thread	2364 Union 42x13/4 E 1 9	Union	2364	42 X 1 3/4	438234	213	0.21
269971	Sanpress Inox	Sanpress-Inox without thread	2364 Union 54x23/8 E 1 9	Union	2364	54 X 2 3/8	438241	333	0.33
340541	Sanpress Inox	Sanpress Inox XL	0211XL Adapter with SC 76.1x21/2 EH1 9	Adapter with SC	0211XL	76.1 X 2 1/2	632526	895	0.90
340551	Sanpress Inox	Sanpress Inox XL	0211XL Adapter with SC 88.9x3 EH1 9	Adapter with SC	0211XL	88.9 X 3	632533	1064	1.06
340601	Sanpress Inox	Sanpress Inox XL	2359XL Flange adapter with SC 64.0(DN50)EH1 9	Flange adapter with SC	2359XL	64.0 (DN50)	616809	2560	2.56
342001	Sanpress Inox	Sanpress Inox XL	2316XL Elbow with SC 64.0 EH1 9	Elbow with SC	2316XL	64.0	577988	819	0.82
342011	Sanpress Inox	Sanpress Inox XL	23161XLElbow with SC 64.0 EH1 9	Elbow with SC	23161XL	64.0	577995	775	0.78
342021	Sanpress Inox	Sanpress Inox XL	2326XL Elbow 45°with SC 64.0 EH1 9	Elbow 45°with SC	2326 XL	64.0	578008	633	0.63
342031	Sanpress Inox	Sanpress Inox XL	23261XLElbow 45°with SC 64.0 EH1 9	Elbow 45°with SC	23261XL	64.0	578015	588	0.59
342041	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 64.0 EH1 9	Tee with SC	2318XL	64.0	578022	895	0.90
342051	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 64.0x54x64.0 EH1 9	Tee with SC	2318XL	64.0 X 54 X 64.0	578039	784	0.78
342061	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 64.0x42x64.0 EH1 9	Tee with SC	2318XL	64.0 X 42 X 64.0	578046	699	0.70
342071	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 64.0x35x64.0 EH1 9	Tee with SC	2318XL	64.0 X 35 X 64.0	578053	634	0.63
342081	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 64.0x28x64.0 EH1 9	Tee with SC	2318XL	64.0 X 28 X 64.0	578060	584	0.58
342091	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 64.0x22x64.0 EH1 9	Tee with SC	2318XL	64.0 X 22 X 64.0	578077	599	0.60
342101	Sanpress Inox	Sanpress Inox XL	2315XL Coupling with SC 64.0 EH1 9	Coupling with SC	2315XL	64.0	578084	481	0.48
342111	Sanpress Inox	Sanpress Inox XL	23155XLSliding coupling with SC 64.0 EH1 9	Sliding coupling with SC	23155XL	64.0	578091	490	0.49
342121	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 64.0x54 EH1 9	Reducer with SC	23151XL	64.0 X 54	578107	316	0.32
342131	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 76.1x64.0 EH1 9	Reducer with SC	23151XL	76.1 X 64.0	578114	515	0.52
342141	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 88.9x64.0 EH1 9	Reducer with SC	23151XL	88.9 X 64.0	578121	576.5	0.58
342151	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 108.0x64.0EH1 9	Reducer with SC	23151XL	108.0 X 64.0	578138	735	0.74
342161	Sanpress Inox	Sanpress Inox XL	23172XLTee with SC 64.0x3/4x64.0 EH1 9	Tee with SC	23172XL	64.0 X 3/4 X 64.0	578145	600	0.60

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
342171	Sanpress Inox	Sanpress Inox XL	23172XLT-Stück m. SC 64.0x2x64.0 EH1 9	T-Stück mit SC	23172XL	64.0 x 2 x 64.0	578152	859	0.86
342201	Sanpress Inox	Sanpress Inox XL	23172XLTee with SC 64.0x2x64.0 EH1 9	Tee with SC	23172XL	64.0 X 2 X 64.0	578152	859	0.39
342211	Sanpress Inox	Sanpress Inox XL	2356XL Cap with SC 64.0x3/4 EH1 9	Cap with SC	2356XL	64.0 X 3/4	578183	385	0.81
342221	Sanpress Inox	Sanpress Inox XL	0216XL Elbow 90°with SC 64.0 EH1 9	Elbow 90°with SC	0216 XL	64.0	577476	808	1.14
342231	Sanpress Inox	Sanpress Inox XL	0216XL Elbow 90°with SC 76.1 EH1 9	Elbow 90°with SC	0216XL	76.1	577483	1140.3	1.44
342241	Sanpress Inox	Sanpress Inox XL	0216XL Elbow 90°with SC 88.9 EH1 9	Elbow 90°with SC	0216 XL	88.9	577490	1435	2.00
342251	Sanpress Inox	Sanpress Inox XL	0216XL Elbow 90°with SC 108.0 EH1 9	Elbow 90°with SC	0216XL	108.0	577506	2003	0.75
342261	Sanpress Inox	Sanpress Inox XL	02161XLElbow 90°with SC 64.0 EH1 9	Elbow 90°with SC	0216 1XL	64.0	577513	754	1.03
342271	Sanpress Inox	Sanpress Inox XL	02161XLElbow 90°with SC 76.1 EH1 9	Elbow 90°with SC	02161XL	76.1	577520	1034	1.24
342281	Sanpress Inox	Sanpress Inox XL	02161XLElbow 90°with SC 88.9 EH1 9	Elbow 90°with SC	0216 1XL	88.9	577537	1235	1.96
342291	Sanpress Inox	Sanpress Inox XL	02161XLElbow 90°with SC 108.0 EH1 9	Elbow 90°with SC	02161XL	108.0	577544	1960	0.64
342301	Sanpress Inox	Sanpress Inox XL	0226XL Elbow 45°with SC 64.0 EH1 9	Elbow 45°with SC	0226 XL	64.0	578251	635	0.86
342311	Sanpress Inox	Sanpress Inox XL	0226XL Elbow 45°with SC 76.1 EH1 9	Elbow 45°with SC	0226XL	76.1	578268	855	1.05
342321	Sanpress Inox	Sanpress Inox XL	0226XL Elbow 45°with SC 88.9 EH1 9	Elbow 45°with SC	0226 XL	88.9	578275	1050	1.48
342331	Sanpress Inox	Sanpress Inox XL	0226XL Elbow 45°with SC 108.0 EH1 9	Elbow 45°with SC	0226XL	108.0	578282	1482	0.60
342341	Sanpress Inox	Sanpress Inox XL	02261XLElbow 45°with SC 64.0 EH1 9	Elbow 45°with SC	0226 1XL	64.0	578299	600	0.79
342351	Sanpress Inox	Sanpress Inox XL	02261XLElbow 45°with SC 76.1 EH1 9	Elbow 45°with SC	02261XL	76.1	578305	791	0.97
342361	Sanpress Inox	Sanpress Inox XL	02261XLElbow 45°with SC 88.9 EH1 9	Elbow 45°with SC	0226 1XL	88.9	578312	970	1.35
342371	Sanpress Inox	Sanpress Inox XL	02261XLElbow 45°with SC 108.0 EH1 9	Elbow 45°with SC	02261XL	108.0	578329	1352	0.88
342381	Sanpress Inox	Sanpress Inox XL	0218XL Tee with SC 64.0 EH1 9	Tee with SC	0218XL	64.0	578206	878	1.18
342391	Sanpress Inox	Sanpress Inox XL	0218XL Tee with SC 76.1 EH1 9	Tee with SC	0218XL	76.1	578213	1180	1.40
342401	Sanpress Inox	Sanpress Inox XL	0218XL Tee with SC 88.9 EH1 9	Tee with SC	0218XL	88.9	578220	1400	2.02
342411	Sanpress Inox	Sanpress Inox XL	0218XL Tee with SC 108.0 EH1 9	Tee with SC	0218XL	108.0	578237	2018	0.48
342421	Sanpress Inox	Sanpress Inox XL	0215XL Coupling with SC 64.0 EH1 9	Coupling with SC	0215XL	64.0	578244	482	0.62
342431	Sanpress Inox	Sanpress Inox XL	0215XL Coupling with SC 76.1 EH1 9	Coupling with SC	0215XL	76.1	578558	624	0.73
342441	Sanpress Inox	Sanpress Inox XL	0215XL Coupling with SC 108.0 EH1 9	Coupling with SC	0215XL	108.0	578572	981	0.98
342451	Sanpress Inox	Sanpress Inox XL	02155XLSliding coupling with SC 64.0 EH1 9	Sliding coupling with SC	02155XL	64.0	578589	480	0.48
342461	Sanpress Inox	Sanpress Inox XL	02155XLSliding coupling with SC 76.1 EH1 9	Sliding coupling with SC	02155XL	76.1	578596	602	0.60
342471	Sanpress Inox	Sanpress Inox XL	02155XLSliding coupling with SC 88.9 EH1 9	Sliding coupling with SC	02155XL	88.9	578602	704	0.70
342481	Sanpress Inox	Sanpress Inox XL	02155XLSliding coupling with SC 108.0 EH1 9	Sliding coupling with SC	02155XL	108.0	578619	956	0.96

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
342491	Sanpress Inox	Sanpress Inox XL	02151XLReducer with SC 64.0x54 EH1 9	Reducer with SC	02151XL	64.0 X 54	578336	332	0.33
342501	Sanpress Inox	Sanpress Inox XL	02151XLReducer with SC 76.1x64.0 EH1 9	Reducer with SC	02151XL	76.1 X 64.0	578343	499.5	0.50
342511	Sanpress Inox	Sanpress Inox XL	02151XLReducer with SC 76.1x54 EH1 9	Reducer with SC	02151XL	76.1 X 54	578350	423	0.42
342521	Sanpress Inox	Sanpress Inox XL	02151XLReducer with SC 88.9x54 EH1 9	Reducer with SC	02151XL	88.9 X 54	578367	496	0.50
342531	Sanpress Inox	Sanpress Inox XL	02151XLReducer with SC 88.9x64.0 EH1 9	Reducer with SC	02151XL	88.9 X 64.0	578374	576.5	0.58
342541	Sanpress Inox	Sanpress Inox XL	02151XLReducer with SC 88.9x76.1 EH1 9	Reducer with SC	02151XL	88.9 X 76.1	578381	632	0.63
342551	Sanpress Inox	Sanpress Inox XL	02151XLReducer with SC 108.0x54 EH1 9	Reducer with SC	02151XL	108.0 X 54	578398	677	0.68
342571	Sanpress Inox	Sanpress Inox XL	02151XLReducer with SC 108.0x76.1EH1 9	Reducer with SC	02151XL	108.0 X 76.1	578411	800	0.80
342581	Sanpress Inox	Sanpress Inox XL	02151XLReducer with SC 108.0x88.9EH1 9	Reducer with SC	02151XL	108.0 X 88.9	578428	790	0.79
342591	Sanpress Inox	Sanpress Inox XL	02172XLTee with SC 64.0x3/4x64.0 EH1 9	Tee with SC	02172XL	64.0 X 3/4 X 64.0	578435	581	0.58
342611	Sanpress Inox	Sanpress Inox XL	02172XLTee with SC 76.1x2x76.1 EH1 9	Tee with SC	02172XL	76.1 X 2 X 76.1	578459	1013	1.01
342621	Sanpress Inox	Sanpress Inox XL	02172XLTee with SC 76.1x3/4x76.1 EH1 9	Tee with SC	02172XL	76.1 X 3/4 X 76.1	578466	743	0.74
342631	Sanpress Inox	Sanpress Inox XL	02172XLTee with SC 88.9x3/4x88.9 EH1 9	Tee with SC	02172XL	88.9 X 3/4 X 88.9	578473	865	0.87
342641	Sanpress Inox	Sanpress Inox XL	02172XLTee with SC 88.9x2x88.9 EH1 9	Tee with SC	02172XL	88.9 X 2 X 88.9	578480	1130	1.13
342651	Sanpress Inox	Sanpress Inox XL	02172XLTee with SC 108.0x3/4x108.EH1 9	Tee with SC	02172XL	108.0 X 3/4 X108.0	578497	1116	1.12
342661	Sanpress Inox	Sanpress Inox XL	02172XLTee with SC 108.0x2x108.0 EH1 9	Tee with SC	02172XL	108.0 X 2 X 108.0	578503	1446	1.45
342671	Sanpress Inox	Sanpress Inox XL	0259XL Flange adapter with SC 108.0(DN10EH1 9	Flange adapter with SC	0259XL	108.0 (DN100)	578510	4560	4.56
342691	Sanpress Inox	Sanpress Inox XL	0259XL Flange adapter with SC 76.1(DN65)EH1 9	Flange adapter with SC	0259XL	76.1 (DN65)	578534	2725	2.73
342701	Sanpress Inox	Sanpress Inox XL	0259XL Flange adapter with SC 88.9(DN80)EH1 9	Flange adapter with SC	0259XL	88.9 (DN80)	578541	3667	3.67
342711	Sanpress Inox	Sanpress Inox XL	02561XLCap with SC 76.1 EH1 9	Cap with SC	02561XL	76.1	578633	435	0.44
342721	Sanpress Inox	Sanpress Inox XL	02561XLCap with SC 64.0 EH1 9	Cap with SC	02561XL	64.0	578640	340	0.34
342731	Sanpress Inox	Sanpress Inox XL	02561XLCap with SC 88.9 EH1 9	Cap with SC	02561XL	88.9	578657	522	0.52
342741	Sanpress Inox	Sanpress Inox XL	02561XLCap with SC 108.0 EH1 9	Cap with SC	02561XL	108.0	578664	712	0.71
343451	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 76.1x64.0x76.1EH1 9	Tee with SC	2318XL	76.1 X 64.0 X 76.1	593360	1104	1.10
343461	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 88.9x64.0x88.9EH1 9	Tee with SC	2318XL	88.9 X 64.0 X 88.9	593377	1245	1.25
343471	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 108.0x64.0x108EH1 9	Tee with SC	2318XL	108.0 X 64.0X108.0	593384	1581	1.58
343531	Sanpress Inox	Sanpress Inox XL	0259XL Flange adapter with SC 64.0(DN50)EH1 9	Flange adapter with SC	0259XL	64.0 (DN50)	641757	2605	2.61
363541	Sanpress Inox	Sanpress-INOX without thread	01155 Sliding coupling with SC 11/2 ED1 9	Sliding coupling with SC	01155	1 1/2	853307	186.2	0.19
363621	Sanpress Inox	Sanpress-Inox without thread	0111 Adapter with SC 1/2x3/4NPT ED1 9	Adapter with SC	0111	1/2 X 3/4 NPT	850153	76.7	0.08
364141	Sanpress Inox	Sanpress-INOX without thread	0126 Elbow 45°with SC 11/2 ED1 9	Elbow 45° with SC	0126	1 1/2	854656	231	0.23

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
364691	Sanpress Inox	Sanpress-INOX without thread	01151 Reducer with SC 11/2x11/4 ED1 9	Reducer with SC	01151	1 1/2 X 1 1/4	852058	134.8	0.13
364721	Sanpress Inox	Sanpress-INOX without thread	01151 Reducer with SC 2x1 ED1 9	Reducer with SC	01151	2 X 1	852201	197.3	0.20
364801	Sanpress Inox	Sanpress-INOX without thread	0159 Flange adapter with SC 1/2 ED1 9	Flange adapter with SC	0159	1/2	860350	482	0.48
364811	Sanpress Inox	Sanpress-INOX without thread	0159 Flange adapter with SC 3/4 ED1 9	Flange adapter with SC	0159	3/4	860404	704	0.70
364831	Sanpress Inox	Sanpress-INOX without thread	0159 Flange adapter with SC 11/4 ED1 9	Flange adapter with SC	0159	1 1/4	860503	1138	1.14
365051	Sanpress Inox	Sanpress-Inox without thread	0160 Union with SC 2 ED1 9	Union with SC	0160	2	860305	1374	1.37
365131	Sanpress Inox	Sanpress-INOX without thread	01161 Elbow 90°with SC 11/4 ED1 9	Elbow 90°with SC	01161	1 1/4	855059	212.8	0.21
365231	Sanpress Inox	Sanpress-INOX without thread	01261 Elbow 45°with SC 11/4 ED1 9	Elbow 45° with SC	01261	1 1/4	855509	161.3	0.16
365431	Sanpress Inox	Sanpress-INOX without thread	0156 Cap with SC 11/4 EB1 9	Cap with SC	0156	1 1/4	853703	70.8	0.07
381001	Sanpress Inox	Sanpress-INOX without thread	4015 Coupling with SC 1/2 E 1 9	Coupling with SC	4015	1/2	802657	36.6	0.04
381011	Sanpress Inox	Sanpress-INOX without thread	4015 Coupling with SC 3/4 E 1 9	Coupling with SC	4015	3/4	802701	58.2	0.06
381021	Sanpress Inox	Sanpress-INOX without thread	4015 Coupling with SC 1 E 1 9	Coupling with SC	4015	1	802756	73.2	0.07
381031	Sanpress Inox	Sanpress-INOX without thread	4015 Coupling with SC 11/4 E 1 9	Coupling with SC	4015	1 1/4	802800	115.6	0.12
381041	Sanpress Inox	Sanpress-INOX without thread	4015 Coupling with SC 11/2 E 1 9	Coupling with SC	4015	1 1/2	802855	183.7	0.18
381051	Sanpress Inox	Sanpress-INOX without thread	4015 Coupling with SC 2 E 1 9	Coupling with SC	4015	2	802909	256	0.26
381101	Sanpress Inox	Sanpress-INOX without thread	40155 Sliding coupling with SC 1/2 E 1 9	Sliding coupling with SC	40155	1/2	803104	31.6	0.03
381111	Sanpress Inox	Sanpress-INOX without thread	40155 Sliding coupling with SC 3/4 E 1 9	Sliding coupling with SC	40155	3/4	803159	60.5	0.06
381121	Sanpress Inox	Sanpress-INOX without thread	40155 Sliding coupling with SC 1 E 1 9	Sliding coupling with SC	40155	1	803203	74.89	0.07
381131	Sanpress Inox	Sanpress-INOX without thread	40155 Sliding coupling with SC 11/4 E 1 9	Sliding coupling with SC	40155	1 1/4	803258	111	0.11
381141	Sanpress Inox	Sanpress-INOX without thread	40155 Sliding coupling with SC 11/2 E 1 9	Sliding coupling with SC	40155	1 1/2	803302	186	0.19
381151	Sanpress Inox	Sanpress-INOX without thread	40155 Sliding coupling with SC 2 E 1 9	Sliding coupling with SC	40155	2	803357	249.4	0.25
381211	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 1/2x1/2NPT E 1 9	Adapter with SC	4011	1/2 X 1/2 NPT	800103	53.3	0.05
381221	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 1/2x3/4NPT E 1 9	Adapter with SC	4011	1/2 X 3/4 NPT	800158	77.1	0.08
381231	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 3/4x1/2NPT E 1 9	Adapter with SC	4011	3/4 X 1/2 NPT	800202	69	0.07
381241	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 3/4x3/4NPT E 1 9	Adapter with SC	4011	3/4 X 3/4 NPT	800257	83.9	0.08
381251	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 3/4x1NPT E 1 9	Adapter with SC	4011	3/4 X 1 NPT	800301	200	0.20
381261	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 1x3/4NPT E 1 9	Adapter with SC	4011	1 X 3/4 NPT	800356	90.7	0.09
381271	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 1x1NPT E 1 9	Adapter with SC	4011	1 X 1 NPT	800400	140	0.14
381281	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 11/4x11/4NPE 1 9	Adapter with SC	4011	1 1/4 X 1 1/4 NPT	800455	270	0.27
381291	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 11/2x11/2NPE 1 9	Adapter with SC	4011	1 1/2 X 1 1/2 NPT	800509	328	0.33

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
381301	Sanpress Inox	Sanpress-Inox without thread	4011 Adapter with SC 2x2NPT E 1 9	Adapter with SC	4011	2 X 2 NPT	800554	449	0.45
381311	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 1x1/2NPT E 1 9	Adapter with SC	4012	1 X 1/2 NPT	800929	112	0.11
381321	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 2x1NPT E 1 9	Adapter with SC	4012	2 X 1 NPT	800752	475	0.48
381411	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 1/2x1/2NPT E 1 9	Adapter with SC	4012	1/2 X 1/2 NPT	800806	49.9	0.05
381421	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 3/4x1/2NPT E 1 9	Adapter with SC	4012	3/4 X 1/2 NPT	800851	70.2	0.07
381431	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 3/4x3/4NPT E 1 9	Adapter with SC	4012	3/4 X 3/4 NPT	800905	90	0.09
381441	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 1x3/4NPT E 1 9	Adapter with SC	4012	1 X 3/4 NPT	800950	94	0.09
381451	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 2x2NPT E 1 9	Adapter with SC	4012	2 X 2 NPT	801254	364	0.36
381461	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 2x11/2NPT E 1 9	Adapter with SC	4012	2 X 1 1/2 NPT	801209	326.5	0.33
381471	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 11/2x11/2NPE 1 9	Adapter with SC	4012	1 1/2 X 1 1/2 NPT	801155	312	0.31
381481	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 11/2x11/4NPE 1 9	Adapter with SC	4012	1 1/2 X 1 1/4 NPT	801100	230	0.23
381491	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 11/4x11/4NPE 1 9	Adapter with SC	4012	1 1/4 X 1 1/4 NPT	801056	190	0.19
381501	Sanpress Inox	Sanpress-Inox without thread	4012 Adapter with SC 1x1NPT E 1 9	Adapter with SC	4012	1 X 1 NPT	801001	108.8	0.11
381601	Sanpress Inox	Sanpress-INOX without thread	4016 Elbow 90°with SC 1/2 E 1 9	Elbow 90° with SC	4016	1/2	804002	57.4	0.06
381611	Sanpress Inox	Sanpress-INOX without thread	4016 Elbow 90°with SC 3/4 E 1 9	Elbow 90°with SC	4016	3/4	804057	105.9	0.11
381621	Sanpress Inox	Sanpress-INOX without thread	4016 Elbow 90°with SC 1 E 1 9	Elbow 90° with SC	4016	1	804101	137.8	0.14
381631	Sanpress Inox	Sanpress-INOX without thread	4016 Elbow 90°with SC 11/4 E 1 9	Elbow 90°with SC	4016	11/4	804156	176.9	0.18
381641	Sanpress Inox	Sanpress-INOX without thread	4016 Elbow 90°with SC 11/2 E 1 9	Elbow 90° with SC	4016	1 1/2	804200	306	0.31
381651	Sanpress Inox	Sanpress-INOX without thread	4016 Elbow 90°with SC 2 E 1 9	Elbow 90°with SC	4016	2	804255	454	0.45
381701	Sanpress Inox	Sanpress-INOX without thread	4026 Elbow 45°with SC 1/2 E 1 9	Elbow 45° with SC	4026	1/2	804453	45.8	0.05
381711	Sanpress Inox	Sanpress-INOX without thread	4026 Elbow 45°with SC 3/4 E 1 9	Elbow 45°with SC	4026	3/4	804507	80.9	0.08
381721	Sanpress Inox	Sanpress-INOX without thread	4026 Elbow 45°with SC 1 E 1 9	Elbow 45° with SC	4026	1	804552	106	0.11
381731	Sanpress Inox	Sanpress-INOX without thread	4026 Elbow 45°with SC 11/4 E 1 9	Elbow 45°with SC	4026	1 1/4	804606	138.3	0.14
381741	Sanpress Inox	Sanpress-INOX without thread	4026 Elbow 45°with SC 11/2 E 1 9	Elbow 45° with SC	4026	1 1/2	804651	239	0.24
381751	Sanpress Inox	Sanpress-INOX without thread	4026 Elbow 45°with SC 2 E 1 9	Elbow 45°with SC	4026	2	804705	335	0.34
381801	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 1/2 E 1 9	Tee with SC	4018	1/2	805801	70	0.07
381811	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 3/4 E 1 9	Tee with SC	4018	3/4	805856	118.7	0.12
381821	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 1 E 1 9	Tee with SC	4018	1	805900	160.6	0.16
381831	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 11/4 E 1 9	Tee with SC	4018	1 1/4	805955	210.9	0.21
381841	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 11/2 E 1 9	Tee with SC	4018	1 1/2	806006	373	0.37

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
381851	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 2 E 1 9	Tee with SC	4018	2	806051	510	0.51
381861	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 3/4x3/4x1/2 E 1 9	Tee with SC	4018	3/4 X 3/4 X 1/2	806303	104.7	0.10
381871	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 1x1x1/2 E 1 9	Tee with SC	4018	1 X 1 X 1/2	806402	136.8	0.14
381881	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 1x1x3/4 E 1 9	Tee with SC	4018	1 X 1 X 3/4	806501	149.4	0.15
381891	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 11/4x11/4x1/2 E 1 9	Tee with SC	4018	1 1/4X1 1/4X1/2	806600	159.2	0.16
381901	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 11/4x11/4x3/4 E 1 9	Tee with SC	4018	1 1/4X1 1/4X3/4	806709	179	0.18
381911	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 11/4x11/4x1 E 1 9	Tee with SC	4018	1 1/4 X 1 1/4 X 1	806808	219	0.22
381921	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 11/2x11/2x1/2 E 1 9	Tee with SC	4018	1 1/2X1 1/2X1/2	806907	311.8	0.31
381931	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 11/2x11/2x3/4 E 1 9	Tee with SC	4018	1 1/2X1 1/2X3/4	807003	320	0.32
381941	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 11/2x11/2x1 E 1 9	Tee with SC	4018	1 1/2 X 1 1/2 X 1	807102	327	0.33
381951	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 2x2x1/2 E 1 9	Tee with SC	4018	2 X 2 X 1/2	807201	434	0.43
381961	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 2x2x3/4 E 1 9	Tee with SC	4018	2 X 2 X 3/4	807300	346.9	0.35
381971	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 2x2x1 E 1 9	Tee with SC	4018	2 X 2 X 1	807409	356	0.36
381981	Sanpress Inox	Sanpress-INOX without thread	4018 Tee with SC 2x2x11/2 E 1 9	Tee with SC	4018	2 X 2 X 1 1/2	807508	430	0.43
382041	Sanpress Inox	Sanpress-Inox with thread	40125 Adapter 1/2x1/2FNPT E 1 9	Adapter	40125	1/2 X 1/2 FNPT	801261	86.6	0.09
382051	Sanpress Inox	Sanpress-Inox with thread	40125 Adapter 3/4x3/4FNPT E 1 9	Adapter	40125	3/4 X 3/4 FNPT	801278	144	0.14
382301	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 3/4x3/4x1/2NPTE 1 9	Tee with SC	40172	3/4 X 3/4 X 1/2NPT	808208	130.2	0.13
382311	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 3/4x3/4x3/4NPTE 1 9	Tee with SC	40172	3/4 X 3/4 X 3/4NPT	808307	155	0.16
382321	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 1x1x1/2NPT E 1 9	Tee with SC	40172	1 X 1 X 1/2NPT	808406	152	0.15
382331	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 1x1x3/4NPT E 1 9	Tee with SC	40172	1 X 1 X 3/4NPT	808505	178	0.18
382341	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 11/4x11/4x1/2NE 1 9	Tee with SC	40172	1 1/4X1 1/4X1/2NPT	808604	174.2	0.17
382351	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 11/4x11/4x3/4NE 1 9	Tee with SC	40172	1 1/4X1 1/4X3/4NPT	808703	204.5	0.20
382361	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 11/4x11/4x1NPTE 1 9	Tee with SC	40172	1 1/4 X 1 1/4X1NPT	808802	255.9	0.26
382371	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 11/2x11/2x1/2NE 1 9	Tee with SC	40172	1 1/2X1 1/2X1/2NPT	808901	321.1	0.32
382381	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 11/2x11/2x3/4NE 1 9	Tee with SC	40172	1 1/2X1 1/2X3/4NPT	809007	343.5	0.34
382391	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 11/2x11/2x1NPTE 1 9	Tee with SC	40172	1 1/2 X 1 1/2X1NPT	809106	381	0.38
382401	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 2x2x1/2NPT E 1 9	Tee with SC	40172	2 X 2 X 1/2NPT	809205	451.5	0.45
382411	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 2x2x3/4NPT E 1 9	Tee with SC	40172	2 X 2 X 3/4NPT	809304	355	0.36
382421	Sanpress Inox	Sanpress-Inox without thread	40172 Tee with SC 2x2x1NPT E 1 9	Tee with SC	40172	2 X 2 X 1NPT	809403	511	0.51
382501	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 3/4x1/2 E 1 9	Reducer with SC	40151	3/4 X 1/2	801605	40.6	0.04

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
382511	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 1x1/2 E 1 9	Reducer with SC	40151	1 X 1/2	801650	55.8	0.06
382521	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 1x3/4 E 1 9	Reducer with SC	40151	1 X 3/4	801704	60.2	0.06
382531	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 11/4x1/2 E 1 9	Reducer with SC	40151	1 1/4 X 1/2	801759	87.4	0.09
382541	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 11/4x3/4 E 1 9	Reducer with SC	40151	1 1/4 X 3/4	801803	89	0.09
382551	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 11/4x1 E 1 9	Reducer with SC	40151	1 1/4 X 1	801858	98	0.10
382561	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 11/2x1/2 E 1 9	Reducer with SC	40151	1 1/2 X 1/2	801902	128.1	0.13
382571	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 11/2x3/4 E 1 9	Reducer with SC	40151	1 1/2 X 3/4	801957	135.6	0.14
382581	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 11/2x1 E 1 9	Reducer with SC	40151	1 1/2 X 1	802008	133.8	0.13
382591	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 11/2x11/4 E 1 9	Reducer with SC	40151	1 1/2 X 1 1/4	802053	136.07	0.14
382601	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 2x1/2 E 1 9	Reducer with SC	40151	2 X 1/2	802107	185.4	0.19
382611	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 2x3/4 E 1 9	Reducer with SC	40151	2 X 3/4	802152	186.1	0.19
382621	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 2x1 E 1 9	Reducer with SC	40151	2 X 1	802206	175.3	0.18
382631	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 2x11/4 E 1 9	Reducer with SC	40151	2 X 1 1/4	802251	180	0.18
382641	Sanpress Inox	Sanpress-INOX without thread	40151 Reducer with SC 2x11/2 E 1 9	Reducer with SC	40151	2 X 1 1/2	802305	233	0.23
382701	Sanpress Inox	Sanpress-INOX without thread	4059 Flange adapter with SC 1/2 E 1 9	Flange adapter with SC	4059	1/2	810355	492.7	0.49
382711	Sanpress Inox	Sanpress-INOX without thread	4059 Flange adapter with SC 3/4 E 1 9	Flange adapter with SC	4059	3/4	810409	705.6	0.71
382721	Sanpress Inox	Sanpress-INOX without thread	4059 Flange adapter with SC 1 E 1 9	Flange adapter with SC	4059	1	810454	1063.6	1.06
382731	Sanpress Inox	Sanpress-INOX without thread	4059 Flange adapter with SC 11/4 E 1 9	Flange adapter with SC	4059	1 1/4	810508	1150	1.15
382741	Sanpress Inox	Sanpress-INOX without thread	4059 Flange adapter with SC 11/2 E 1 9	Flange adapter with SC	4059	1 1/2	810553	1124.9	1.12
382751	Sanpress Inox	Sanpress-INOX without thread	4059 Flange adapter with SC 2 E 1 9	Flange adapter with SC	4059	2	810607	2524	2.52
382901	Sanpress Inox	Sanpress-Inox without thread	4060 Union with SC 1/2 E 1 9	Union with SC	4060	1/2	810058	144.7	0.14
382911	Sanpress Inox	Sanpress-Inox without thread	4060 Union with SC 3/4 E 1 9	Union with SC	4060	3/4	810102	221	0.22
382921	Sanpress Inox	Sanpress-Inox without thread	4060 Union with SC 1 E 1 9	Union with SC	4060	1	810157	360	0.36
382931	Sanpress Inox	Sanpress-Inox without thread	4060 Union with SC 11/4 E 1 9	Union with SC	4060	1 1/4	810201	460	0.46
382941	Sanpress Inox	Sanpress-Inox without thread	4060 Union with SC 11/2 E 1 9	Union with SC	4060	1 1/2	810256	868	0.87
382951	Sanpress Inox	Sanpress-Inox without thread	4060 Union with SC 2 E 1 9	Union with SC	4060	2	810300	1361	1.36
383001	Sanpress Inox	Sanpress-INOX without thread	40161 Elbow 90° with SC 1/2 E 1 9	Elbow 90° with SC	40161	1/2	804903	47	0.05
383011	Sanpress Inox	Sanpress-INOX without thread	40161 Elbow 90° with SC 3/4 E 1 9	Elbow 90° with SC	40161	3/4	804958	100.6	0.10
383021	Sanpress Inox	Sanpress-INOX without thread	40161 Elbow 90° with SC 1 E 1 9	Elbow 90° with SC	40161	1	805009	144	0.14
383031	Sanpress Inox	Sanpress-INOX without thread	40161 Elbow 90° with SC 11/4 E 1 9	Elbow 90° with SC	40161	1 1/4	805054	220	0.22

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
383041	Sanpress Inox	Sanpress-INOX without thread	40161 Elbow 90°with SC 11/2 E 1 9	Elbow 90°with SC	40161	1 1/2	805108	294	0.29
383051	Sanpress Inox	Sanpress-INOX without thread	40161 Elbow 90°with SC 2 E 1 9	Elbow 90° with SC	40161	2	805153	430.9	0.43
383101	Sanpress Inox	Sanpress-INOX without thread	40261 Elbow 45°with SC 1/2 E 1 9	Elbow 45°with SC	40261	1/2	805351	41.9	0.04
383111	Sanpress Inox	Sanpress-INOX without thread	40261 Elbow 45°with SC 3/4 E 1 9	Elbow 45° with SC	40261	3/4	805405	78.9	0.08
383121	Sanpress Inox	Sanpress-INOX without thread	40261 Elbow 45°with SC 1 E 1 9	Elbow 45°with SC	40261	1	805450	107.5	0.11
383131	Sanpress Inox	Sanpress-INOX without thread	40261 Elbow 45°with SC 11/4 E 1 9	Elbow 45° with SC	40261	1 1/4	805504	160	0.16
383141	Sanpress Inox	Sanpress-INOX without thread	40261 Elbow 45°with SC 11/2 E 1 9	Elbow 45°with SC	40261	1 1/2	805559	217	0.22
383151	Sanpress Inox	Sanpress-INOX without thread	40261 Elbow 45°with SC 2 E 1 9	Elbow 45° with SC	40261	2	805603	324	0.32
383201	Sanpress Inox	Sanpress Inox XL	4015XL Coupling 21/2 EB1 9	Coupling	4015XL	2 1/2	802954	492	0.49
383211	Sanpress Inox	Sanpress Inox XL	4015XL Coupling 3 EH1 9	Coupling	4015XL	3	803005	649	0.65
383221	Sanpress Inox	Sanpress Inox XL	4015XL Coupling 4 EH1 9	Coupling	4015XL	4	803050	963	0.96
383251	Sanpress Inox	Sanpress Inox XL	40155XLSliding coupling 21/2 EH1 9	Sliding coupling	40155XL	2 1/2	803401	492	0.49
383261	Sanpress Inox	Sanpress Inox XL	40155XLSliding coupling 3 EH1 9	Sliding coupling	40155XL	3	803456	649	0.65
383271	Sanpress Inox	Sanpress Inox XL	40155XLSliding coupling 4 EH1 9	Sliding coupling	40155XL	4	803500	969	0.97
383301	Sanpress Inox	Sanpress Inox XL	4059XL Flange adapter 21/2 EH1 9	Flange adapter	4059XL	2 1/2	810652	4029	4.03
383311	Sanpress Inox	Sanpress Inox XL	4059XL Flange adapter 3 EH1 9	Flange adapter	4059XL	3	810706	4730	4.73
383321	Sanpress Inox	Sanpress Inox XL	4059XL Flange adapter 4 EH1 9	Flange adapter	4059XL	4	810751	6420	6.42
383401	Sanpress Inox	Sanpress Inox XL	4011XL Adapter with SC 21/2 EH1 9	Adapter	4011XL	2 1/2	800608	930	0.93
383411	Sanpress Inox	Sanpress Inox XL	4011XL Adapter with SC 3 EH1 9	Adapter	4011XL	3	800653	1297	1.30
383421	Sanpress Inox	Sanpress Inox XL	4011XL Adapter with SC 4x4NPT EH1 9	Adapter	4011XL	4 X 4 NPT	800707	1800	1.80
383501	Sanpress Inox	Sanpress Inox XL	4016XL Elbow 21/2 EH1 9	Elbow	4016XL	2 1/2	804309	838	0.84
383511	Sanpress Inox	Sanpress Inox XL	4016XL Elbow 3 EH1 9	Elbow	4016XL	3	804354	1150	1.15
383521	Sanpress Inox	Sanpress Inox XL	4016XL Elbow 4 EH1 9	Elbow	4016XL	4	804408	1860	1.86
383551	Sanpress Inox	Sanpress Inox XL	40161XLElbow 21/2 EH1 9	Elbow	40161XL	2 1/2	805207	786	0.79
383561	Sanpress Inox	Sanpress Inox XL	40161XLElbow 3 EH1 9	Elbow	40161XL	3	805252	1081	1.08
383571	Sanpress Inox	Sanpress Inox XL	40161XLElbow 4 EH1 9	Elbow	40161XL	4	805306	1803	1.80
383601	Sanpress Inox	Sanpress Inox XL	4018XL Tee 21/2 EH1 9	Tee	4018XL	2 1/2	806105	933	0.93
383611	Sanpress Inox	Sanpress Inox XL	4018XL Tee 3 EH1 9	Tee	4018XL	3	806150	1235	1.24
383621	Sanpress Inox	Sanpress Inox XL	4018XL Tee 4 EH1 9	Tee	4018XL	4	806204	1911	1.91
383631	Sanpress Inox	Sanpress Inox XL	4018XL Tee 21/2x21/2x2 EH1 9	Tee	4018XL	2 1/2 X 2 1/2 X 2	807607	789	0.79

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
383641	Sanpress Inox	Sanpress Inox XL	4018XL Tee 3x3x2 EH1 9	Tee	4018XL	3 X 3 X 2	807706	976	0.98
383651	Sanpress Inox	Sanpress Inox XL	4018XL Tee 3x3x21/2 EH1 9	Tee	4018XL	3 X 3 X 2 1/2	807805	1121	1.12
383661	Sanpress Inox	Sanpress Inox XL	4018XL Tee 4x4x2 EH1 9	Tee	4018XL	4 X 4 X 2	807904	1370	1.37
383671	Sanpress Inox	Sanpress Inox XL	4018XL Tee 4x4x21/2 EH1 9	Tee	4018XL	4 X 4 X 2 1/2	808000	1527	1.53
383681	Sanpress Inox	Sanpress Inox XL	4018XL Tee 4x4x3 EH1 9	Tee	4018XL	4 X 4 X 3	808109	1660	1.66
383691	Sanpress Inox	Sanpress Inox XL	40172XLTee 21/2x21/2x3/4 EH1 9	Tee	40172XL	2 1/2X2 1/2X3/4	809502	639	0.64
383701	Sanpress Inox	Sanpress Inox XL	40172XLTee 21/2x21/2x1 EH1 9	Tee	40172XL	2 1/2 X 2 1/2 X 1	809601	678	0.68
383711	Sanpress Inox	Sanpress Inox XL	40172XLTee 3x3x3/4 EH1 9	Tee	40172XL	3 X 3 X 3/4	809700	818	0.82
383721	Sanpress Inox	Sanpress Inox XL	40172XLTee 3x3x1 EH1 9	Tee	40172XL	3 X 3 X 1	809809	850	0.85
383731	Sanpress Inox	Sanpress Inox XL	40172XLTee 4x4x3/4 EH1 9	Tee	40172XL	4 X 4 X 3/4	809908	1158	1.16
383741	Sanpress Inox	Sanpress Inox XL	40172XLTee 4x4x1 EH1 9	Tee	40172XL	4 X 4 X 1	810003	1210	1.21
383801	Sanpress Inox	Sanpress Inox XL	4026XL Elbow 21/2 EH1 9	Elbow	4026XL	2 1/2	804750	648	0.65
383811	Sanpress Inox	Sanpress Inox XL	4026XL Elbow 3 EH1 9	Elbow	4026XL	3	804804	870	0.87
383821	Sanpress Inox	Sanpress Inox XL	4026XL Elbow 4 EH1 9	Elbow	4026XL	4	804859	1402	1.40
383851	Sanpress Inox	Sanpress Inox XL	40261XLElbow 21/2 EH1 9	Elbow	40261XL	2 1/2	805658	605	0.61
383861	Sanpress Inox	Sanpress Inox XL	40261XLElbow 3 EH1 9	Elbow	40261XL	3	805702	824	0.82
383871	Sanpress Inox	Sanpress Inox XL	40261XLElbow 4 EH1 9	Elbow	40261XL	4	805757	1287	1.29
383901	Sanpress Inox	Sanpress Inox XL	40151XLReducer 21/2x2 EH1 9	Reducer	40151XL	2 1/2 X 2	802350	354	0.35
383911	Sanpress Inox	Sanpress Inox XL	40151XLReducer 3x2 EH1 9	Reducer	40151XL	3 X 2	802404	445	0.45
383921	Sanpress Inox	Sanpress Inox XL	40151XLReducer 3x21/2 EH1 9	Reducer	40151XL	3 X 2 1/2	802459	526	0.53
383931	Sanpress Inox	Sanpress Inox XL	40151XLReducer 4x2 EH1 9	Reducer	40151XL	4 X 2	802503	660	0.66
383941	Sanpress Inox	Sanpress Inox XL	40151XLReducer 4x21/2 EH1 9	Reducer	40151XL	4 X 2 1/2	802558	730	0.73
383951	Sanpress Inox	Sanpress Inox XL	40151XLReducer 4x3 EH1 9	Reducer	40151XL	4 X 3	802602	780	0.78
384261	Sanpress Inox	Sanpress Inox XL	4018XL Tee 21/2x21/2x11/2 EH1 9	Tee	4018XL	2 1/2 X 2 1/2X11/2	807515	713.5	0.71
384291	Sanpress Inox	Sanpress Inox XL	4018XL Tee 3x3x11/2 EH1 9	Tee	4018XL	3 X 3 X 1 1/2	807812	887	0.89
384301	Sanpress Inox	Sanpress Inox XL	4018XL Tee 3x3x11/4 EH1 9	Tee	4018XL	3 X 3 X 1 1/4	807829	833	0.83
384311	Sanpress Inox	Sanpress Inox XL	4018XL Tee 4x4x11/2 EH1 9	Tee	4018XL	4 X 4 X 1 1/2	807911	1240	1.24
384321	Sanpress Inox	Sanpress Inox XL	0118XL Tee 21/2x21/2x11/2 ED1 9	Tee	0118XL	2 1/2 X 2 1/2X11/2	857619	702	0.70
384351	Sanpress Inox	Sanpress Inox XL	0118XL Tee 3x3x11/2 ED1 9	Tee	0118XL	3 X 3 X 1 1/2	857718	875	0.88
384361	Sanpress Inox	Sanpress Inox XL	0118XL Tee 3x3x11/4 ED1 9	Tee	0118XL	3 X 3 X 1 1/4	857725	821	0.82

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
385321	Sanpress Inox	Sanpress Inox XL	0111XL Adapter with SC 4x4NPT ED1 9	Adapter	0111XL	4 X 4 NPT	850702	1790	1.79
385621	Sanpress Inox	Sanpress Inox XL	0118XL Tee 4 ED1 9	Tee	0118XL	4	856209	1896	1.90
385641	Sanpress Inox	Sanpress Inox XL	0118XL Tee 3x3x2 ED1 9	Tee	0118XL	3 X 3 X 2	857701	945	0.95
385651	Sanpress Inox	Sanpress Inox XL	0118XL Tee 3x3x21/2 ED1 9	Tee	0118XL	3 X 3 X 2 1/2	857800	1110	1.11
386301	Sanpress Inox	Sanpress Inox XL	40561XLCap 21/2 EH1 9	Cap	40561XL	2 1/2	803852	354	0.35
386311	Sanpress Inox	Sanpress Inox XL	40561XLCap 3 EH1 9	Cap	40561XL	3	803906	465	0.47
386321	Sanpress Inox	Sanpress Inox XL	40561XLCap 4 EH1 9	Cap	40561XL	4	803951	693	0.69
386401	Sanpress Inox	Sanpress-INOX without thread	4056 Cap with SC 1/2 E 1 9	Cap with SC	4056	1/2	803555	18	0.02
386411	Sanpress Inox	Sanpress-INOX without thread	4056 Cap with SC 3/4 E 1 9	Cap with SC	4056	3/4	803609	35	0.04
386421	Sanpress Inox	Sanpress-INOX without thread	4056 Cap with SC 1 E 1 9	Cap with SC	4056	1	803654	49	0.05
386431	Sanpress Inox	Sanpress-INOX without thread	4056 Cap with SC 11/4 E 1 9	Cap with SC	4056	1 1/4	803708	69	0.07
386441	Sanpress Inox	Sanpress-INOX without thread	4056 Cap with SC 11/2 E 1 9	Cap with SC	4056	1 1/2	803753	117	0.12
386451	Sanpress Inox	Sanpress-INOX without thread	4056 Cap with SC 2 E 1 9	Cap with SC	4056	2	803807	164	0.16
405001	Sanpress Inox	Sanpress Inox XL	2311XL Adapter with SC 76.1x21/2 EH1 9	Adapter with SC	2311XL	76.1 X 2 1/2	482923	884	0.88
405011	Sanpress Inox	Sanpress Inox XL	2311XL Adapter with SC 88.9x3 EH1 9	Adapter with SC	2311XL	88.9 X 3	483128	1068	1.07
405021	Sanpress Inox	Sanpress Inox XL	2311XL Adapter with SC 108.0x4 EH1 9	Adapter with SC	2311XL	108.0 X 4	482930	1601.4	1.60
405051	Sanpress Inox	Sanpress Inox XL	2315XL Coupling with SC 76.1 EH1 9	Coupling with SC	2315XL	76.1	482800	614	0.61
405061	Sanpress Inox	Sanpress Inox XL	2315XL Coupling with SC 88.9 EH1 9	Coupling with SC	2315XL	88.9	482817	730	0.73
405071	Sanpress Inox	Sanpress Inox XL	2315XL Coupling with SC 108.0 EH1 9	Coupling with SC	2315XL	108.0	482824	993	0.99
405101	Sanpress Inox	Sanpress Inox XL	2316XL Elbow with SC 76.1 EH1 9	Elbow with SC	2316XL	76.1	482596	1130	1.13
405111	Sanpress Inox	Sanpress Inox XL	2316XL Elbow with SC 88.9 EH1 9	Elbow with SC	2316XL	88.9	482602	1411	1.41
405121	Sanpress Inox	Sanpress Inox XL	2316XL Elbow with SC 108.0 EH1 9	Elbow with SC	2316XL	108.0	482619	1986	1.99
405151	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 76.1 EH1 9	Tee with SC	2318XL	76.1	482718	1175	1.18
405161	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 76.1x54x76.1 EH1 9	Tee with SC	2318XL	76.1 X 54 X 76.1	482725	950	0.95
405171	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 88.9 EH1 9	Tee with SC	2318XL	88.9	482732	1415	1.42
405181	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 88.9x54x88.9 EH1 9	Tee with SC	2318XL	88.9 X 54 X 88.9	482749	1064.5	1.06
405191	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 88.9x76.1x88.9EH1 9	Tee with SC	2318XL	88.9 X 76.1 X 88.9	482756	1300	1.30
405201	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 108.0 EH1 9	Tee with SC	2318XL	108.0	482763	1958	1.96
405211	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 108.0x54x108.0EH1 9	Tee with SC	2318XL	108.0 X 54 X 108.0	482770	1368	1.37
405221	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 108.0x76.1x108EH1 9	Tee with SC	2318XL	108.0 X 76.1X108.0	482787	1674	1.67

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
405231	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 108.0x88.9x108EH1 9	Tee with SC	2318XL	108.0 X 88.9X108.0	482794	1713.5	1.71
405251	Sanpress Inox	Sanpress Inox XL	2326XL Elbow 45°with SC 76.1 EH1 9	Elbow 45°with SC	2326 XL	76.1	482657	846	0.85
405261	Sanpress Inox	Sanpress Inox XL	2326XL Elbow 45°with SC 88.9 EH1 9	Elbow 45°with SC	2326XL	88.9	482664	1040.3	1.04
405271	Sanpress Inox	Sanpress Inox XL	2326XL Elbow 45°with SC 108.0 EH1 9	Elbow 45°with SC	2326 XL	108.0	482671	1450.5	1.45
405351	Sanpress Inox	Sanpress Inox XL	2359XL Flange adapter with SC 76.1(DN65)EH1 9	Flange adapter with SC	2359XL	76.1 (DN65)	482978	2700	2.70
405361	Sanpress Inox	Sanpress Inox XL	2359XL Flange adapter with SC 88.9(DN80)EH1 9	Flange adapter with SC	2359XL	88.9 (DN80)	482985	3574	3.57
405371	Sanpress Inox	Sanpress Inox XL	2359XL Flange adapter with SC 108.0(DN10EH1 9	Flange adapter with SC	2359XL	108.0 (DN100)	482992	4360	4.36
405401	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 76.1x22x76.1 EH1 9	Tee with SC	2318XL	76.1 X 22 X 76.1	483005	733	0.73
405411	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 76.1x28x76.1 EH1 9	Tee with SC	2318XL	76.1 X 28 X 76.1	483012	760	0.76
405421	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 76.1x35x76.1 EH1 9	Tee with SC	2318XL	76.1 X 35 X 76.1	483029	803	0.80
405431	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 76.1x42x76.1 EH1 9	Tee with SC	2318XL	76.1 X 42 X 76.1	483036	868	0.87
405441	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 88.9x22x88.9 EH1 9	Tee with SC	2318XL	88.9 X 22 X 88.9	483043	837.1	0.84
405451	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 88.9x28x88.9 EH1 9	Tee with SC	2318XL	88.9 X 28 X 88.9	483050	874.2	0.87
405461	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 88.9x35x88.9 EH1 9	Tee with SC	2318XL	88.9 X 35 X 88.9	483067	913.3	0.91
405471	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 88.9x42x88.9 EH1 9	Tee with SC	2318XL	88.9 X 42 X 88.9	483074	988.7	0.99
405481	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 108.0x22x108.0EH1 9	Tee with SC	2318XL	108.0 X 22 X 108.0	483081	1130	1.13
405491	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 108.0x28x108.0EH1 9	Tee with SC	2318XL	108.0 X 28 X 108.0	483098	1185	1.19
405501	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 108.0x35x108.0EH1 9	Tee with SC	2318XL	108.0 X 35 X 108.0	483104	1187.3	1.19
405511	Sanpress Inox	Sanpress Inox XL	2318XL Tee with SC 108.0x42x108.0EH1 9	Tee with SC	2318XL	108.0 X 42 X 108.0	483111	1305	1.31
405601	Sanpress Inox	Sanpress Inox XL	23155XLSliding coupling with SC 76.1 EH1 9	Sliding coupling with SC	23155XL	76.1	482831	616.6	0.62
405611	Sanpress Inox	Sanpress Inox XL	23155XLSliding coupling with SC 88.9 EH1 9	Sliding coupling with SC	23155XL	88.9	482848	728	0.73
405621	Sanpress Inox	Sanpress Inox XL	23155XLSliding coupling with SC 108.0 EH1 9	Sliding coupling with SC	23155XL	108.0	482855	995	1.00
405651	Sanpress Inox	Sanpress Inox XL	23161XLElbow with SC 76.1 EH1 9	Elbow with SC	23161XL	76.1	482626	1050	1.05
405661	Sanpress Inox	Sanpress Inox XL	23161XLElbow with SC 88.9 EH1 9	Elbow with SC	23161XL	88.9	482633	1332	1.33
405671	Sanpress Inox	Sanpress Inox XL	23161XLElbow with SC 108.0 EH1 9	Elbow with SC	23161XL	108.0	482640	1915	1.92
405701	Sanpress Inox	Sanpress Inox XL	23172XLTee with SC 76.1x3/4x76.1 EH1 9	Tee with SC	23172XL	76.1 X 3/4 X 76.1	482862	735	0.74
405711	Sanpress Inox	Sanpress Inox XL	23172XLTee with SC 76.1x2x76.1 EH1 9	Tee with SC	23172XL	76.1 X 2 X 76.1	482879	1005	1.01
405721	Sanpress Inox	Sanpress Inox XL	23172XLTee with SC 88.9x3/4x88.9 EH1 9	Tee with SC	23172XL	88.9 X 3/4 X 88.9	482886	841.4	0.84
405731	Sanpress Inox	Sanpress Inox XL	23172XLTee with SC 88.9x2x88.9 EH1 9	Tee with SC	23172XL	88.9 X 2 X 88.9	482893	1128.3	1.13
405741	Sanpress Inox	Sanpress Inox XL	23172XLTee with SC 108.0x3/4x108.EH1 9	Tee with SC	23172XL	108.0 X 3/4 X108.0	482909	1158	1.16

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
405751	Sanpress Inox	Sanpress Inox XL	23261XLElbow 45°with SC 76.1 EH1 9	Elbow 45°with SC	23261XL	76.1	482688	790	0.79
405761	Sanpress Inox	Sanpress Inox XL	23261XLElbow 45°with SC 88.9 EH1 9	Elbow 45°with SC	2326 1XL	88.9	482695	981	0.98
405771	Sanpress Inox	Sanpress Inox XL	23261XLElbow 45°with SC 108.0 EH1 9	Elbow 45°with SC	23261XL	108.0	482701	1362	1.36
405781	Sanpress Inox	Sanpress Inox XL	23172XLTee with SC 108.0x2x108.0 EH1 9	Tee with SC	23172XL	108.0 X 2 X 108.0	482916	1430	1.43
405801	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 76.1x54 EH1 9	Reducer with SC	23151XL	76.1 X 54	483135	435	0.44
405811	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 88.9x54 EH1 9	Reducer with SC	23151XL	88.9 X 54	483142	504	0.50
405821	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 88.9x76.1 EH1 9	Reducer with SC	23151XL	88.9 X 76.1	483159	626.6	0.63
405831	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 108.0x54 EH1 9	Reducer with SC	23151XL	108.0 X 54	483166	673.5	0.67
405841	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 108.0x76.1EH1 9	Reducer with SC	23151XL	108.0 X 76.1	483173	810	0.81
405851	Sanpress Inox	Sanpress Inox XL	23151XLReducer with SC 108.0x88.9EH1 9	Reducer with SC	23151XL	108.0 X 88.9	483180	807.3	0.81
416823	Sanpress Inox	Sanpress Inox XL	0218XL Tee with SC 76.1x35x76.1 E 1 9	Tee with SC	0218XL	76.1 X 35 X 76.1	795528	813	0.81
416843	Sanpress Inox	Sanpress Inox XL	0218XL Tee with SC 76.1x54x76.1 E 1 9	Tee with SC	0218XL	76.1 X 54 X 76.1	795542	960	0.96
429121	Sanpress Inox	Sanpress-INOX without thread	2359 Flange adapter 22(DN20) E 1 9	Flange adapter	2359	22 (DN20)	593315	1060	1.06
429131	Sanpress Inox	Sanpress-INOX without thread	2359 Flange adapter 28(DN25) E 1 9	Flange adapter	2359	28 (DN25)	593322	1205	1.21
429141	Sanpress Inox	Sanpress-INOX without thread	2359 Flange adapter 35(DN32) E 1 9	Flange adapter	2359	35 (DN32)	593339	1762	1.76
429151	Sanpress Inox	Sanpress-INOX without thread	2359 Flange adapter 42(DN40) E 1 9	Flange adapter	2359	42 (DN40)	593346	2107	2.11
429161	Sanpress Inox	Sanpress-INOX without thread	2359 Flange adapter 54(DN50) E 1 9	Flange adapter	2359	54 (DN50)	593353	2580	2.58
435151	Sanpress Inox	Sanpress-Inox with thread	23374NUWelding piece 15 E 1 9	Welding piece	23374NU	15	568863	15.8	0.02
435161	Sanpress Inox	Sanpress-Inox with thread	23374NUWelding piece 18 E 1 9	Welding piece	23374NU	18	568870	17.8	0.02
435171	Sanpress Inox	Sanpress-Inox with thread	23374NUWelding piece 22 E 1 9	Welding piece	23374NU	22	568887	28.5	0.03
435181	Sanpress Inox	Sanpress-Inox with thread	23374NUWelding piece 28 E 1 9	Welding piece	23374NU	28	568894	36.9	0.04
435191	Sanpress Inox	Sanpress-Inox with thread	23374NUWelding piece 35 E 1 9	Welding piece	23374NU	35	568900	48.4	0.05
435201	Sanpress Inox	Sanpress-Inox with thread	23374NUWelding piece 42 E 1 9	Welding piece	23374NU	42	568917	90.8	0.09
435211	Sanpress Inox	Sanpress-Inox with thread	23374NUWelding piece 54 E 1 9	Welding piece	23374NU	54	568924	130.6	0.13
437761	Sanpress Inox	Sanpress Inox XL	2312XL Adapter with SC 64.0x21/2 EH1 9	Adapter with SC	2312XL	64.0 X 2 1/2	619954	677	0.68
437771	Sanpress Inox	Sanpress Inox XL	2312XL Adapter with SC 76.1x21/2 EH1 9	Adapter with SC	2312XL	76.1 X 2 1/2	619961	693	0.69
437781	Sanpress Inox	Sanpress Inox XL	2312XL Adapter with SC 88.9x3 EH1 9	Adapter with SC	2312XL	88.9 X 3	619978	1226	1.23
437791	Sanpress Inox	Sanpress Inox XL	2311XL Adapter with SC 64.0x21/2 EH1 9	Adapter with SC	2311XL	64.0 X 2 1/2	619985	955	0.96
460501	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 15x1/2 E 1 9	Adapter with SC	2311NU	15 X 1/2	464240	47.2	0.05
460511	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 18x1/2 E 1 9	Adapter with SC	2311NU	18 X 1/2	464455	47.6	0.05

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
460521	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 22x1/2 E 1 9	Adapter with SC	2311NU	22 X 1/2	464462	56.8	0.06
460531	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 22x3/4 E 1 9	Adapter with SC	2311NU	22 X 3/4	464479	69.6	0.07
460551	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 28x1 E 1 9	Adapter with SC	2311NU	28 X 1	464486	100	0.10
460561	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 35x11/4 E 1 9	Adapter with SC	2311NU	35 X 1 1/4	464493	182.4	0.18
460571	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 15x1/2 E 1 9	Adapter with SC	2312NU	15 X 1/2	464509	45.2	0.05
460591	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 22x3/4 E 1 9	Adapter with SC	2312NU	22 X 3/4	464516	69.6	0.07
460601	Sanpress Inox	Sanpress-INOX without thread	2315NU Coupling with SC 15 E 1 9	Coupling with SC	2315NU	15	464523	35.2	0.04
460611	Sanpress Inox	Sanpress-INOX without thread	2315NU Coupling with SC 22 E 1 9	Coupling with SC	2315NU	22	464530	59.6	0.06
460621	Sanpress Inox	Sanpress-INOX without thread	2315NU Coupling with SC 28 E 1 9	Coupling with SC	2315NU	28	464547	74.8	0.07
460631	Sanpress Inox	Sanpress-INOX without thread	2315NU Coupling with SC 35 E 1 9	Coupling with SC	2315NU	35	464554	97.6	0.10
460641	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 28x22 E 1 9	Reducer with SC	23151NU	28 X 22	464561	60.8	0.06
460651	Sanpress Inox	Sanpress-INOX without thread	2316NU Elbow with SC 15 E 1 9	Elbow with SC	2316NU	15	464578	41.2	0.04
460661	Sanpress Inox	Sanpress-INOX without thread	2316NU Elbow with SC 18 E 1 9	Elbow with SC	2316NU	18	464585	50.4	0.05
460671	Sanpress Inox	Sanpress-INOX without thread	2316NU Elbow with SC 22 E 1 9	Elbow with SC	2316NU	22	464592	80.8	0.08
460681	Sanpress Inox	Sanpress-INOX without thread	2316NU Elbow with SC 28 E 1 9	Elbow with SC	2316NU	28	464608	114.4	0.11
460691	Sanpress Inox	Sanpress-INOX without thread	2316NU Elbow with SC 35 E 1 9	Elbow with SC	2316NU	35	464615	144	0.14
460701	Sanpress Inox	Sanpress-INOX without thread	2316NU Elbow with SC 42 E 1 9	Elbow with SC	2316NU	42	464622	312	0.31
460711	Sanpress Inox	Sanpress-INOX without thread	2316NU Elbow with SC 54 E 1 9	Elbow with SC	2316NU	54	464639	440	0.44
460721	Sanpress Inox	Sanpress-INOX without thread	23161NUElbow with SC 15 E 1 9	Elbow with SC	23161NU	15	464646	36.4	0.04
460731	Sanpress Inox	Sanpress-INOX without thread	23161NUElbow with SC 18 E 1 9	Elbow with SC	23161NU	18	464653	46	0.05
460741	Sanpress Inox	Sanpress-INOX without thread	23161NUElbow with SC 22 E 1 9	Elbow with SC	23161NU	22	464660	74.8	0.07
460751	Sanpress Inox	Sanpress-INOX without thread	23161NUElbow with SC 28 E 1 9	Elbow with SC	23161NU	28	464677	106.8	0.11
460761	Sanpress Inox	Sanpress-INOX without thread	23161NUElbow with SC 35 E 1 9	Elbow with SC	23161NU	35	464684	138	0.14
460771	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 22x1/2 E 1 9	Tee with SC	23172NU	22 X 1/2	464691	105.6	0.11
460781	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 15 E 1 9	Tee with SC	2318NU	15	464707	66.8	0.07
460791	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 22 E 1 9	Tee with SC	2318NU	22	464714	118.4	0.12
460801	Sanpress Inox	Sanpress-INOX without thread	2326NU Elbow with SC 15 E 1 9	Elbow with SC	2326NU	15	464721	36	0.04
460811	Sanpress Inox	Sanpress-INOX without thread	2326NU Elbow with SC 22 E 1 9	Elbow with SC	2326NU	22	464738	66.4	0.07
460821	Sanpress Inox	Sanpress-INOX without thread	2326NU Elbow with SC 28 E 1 9	Elbow with SC	2326NU	28	464745	86.4	0.09
460831	Sanpress Inox	Sanpress-INOX without thread	2326NU Elbow with SC 35 E 1 9	Elbow with SC	2326NU	35	464752	116.4	0.12

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
460841	Sanpress Inox	Sanpress-INOX without thread	23261NUElbow 45°with SC 15 E 1 9	Elbow 45°with SC	23261NU	15	464769	31.6	0.03
460851	Sanpress Inox	Sanpress-INOX without thread	23261NUElbow 45°with SC 22 E 1 9	Elbow 45° with SC	23261NU	22	464776	60	0.06
460861	Sanpress Inox	Sanpress-INOX without thread	23261NUElbow 45°with SC 28 E 1 9	Elbow 45°with SC	23261NU	28	464783	80	0.08
460871	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 28x3/4 E 1 9	Adapter with SC	2311NU	28 X 3/4	467975	79.2	0.08
460881	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 18x1/2 E 1 9	Adapter with SC	2312NU	18 X 1/2	467982	46.4	0.05
460891	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 22x1/2 E 1 9	Adapter with SC	2312NU	22 X 1/2	467999	54	0.05
460901	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 28x1 E 1 9	Adapter with SC	2312NU	28 X 1	468002	90	0.09
460911	Sanpress Inox	Sanpress-INOX without thread	2315NU Coupling with SC 18 E 1 9	Coupling with SC	2315NU	18	468019	41.2	0.04
460921	Sanpress Inox	Sanpress-INOX without thread	2315NU Coupling with SC 42 E 1 9	Coupling with SC	2315NU	42	468026	180	0.18
460931	Sanpress Inox	Sanpress-INOX without thread	2315NU Coupling with SC 54 E 1 9	Coupling with SC	2315NU	54	468033	242	0.24
460941	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 22x15 E 1 9	Reducer with SC	23151NU	22 X 15	468040	38.8	0.04
460951	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 22x18 E 1 9	Reducer with SC	23151NU	22 X 18	468057	41.6	0.04
460961	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 35x22 E 1 9	Reducer with SC	23151NU	35 X 22	468064	76.4	0.08
460971	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 35x28 E 1 9	Reducer with SC	23151NU	35 X 28	468071	81.6	0.08
460981	Sanpress Inox	Sanpress-INOX without thread	23161NUElbow with SC 42 E 1 9	Elbow with SC	23161NU	42	468088	294	0.29
460991	Sanpress Inox	Sanpress-INOX without thread	23161NUElbow with SC 54 E 1 9	Elbow with SC	23161NU	54	468095	430	0.43
461723	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 54x2 E 1 9	Adapter with SC	2312NU	54 X 2	771263	360	0.36
461733	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 28x22x28 E 1 9	Tee with SC	2318NU	28 X 22 X 28	771270	139.2	0.14
461743	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 54x28x54 E 1 9	Tee with SC	2318NU	54 X 28 X 54	771287	352	0.35
461753	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 18x15x15 E 1 9	Tee with SC	2318NU	18 X 15 X 15	771294	76	0.08
461763	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 28x22x22 E 1 9	Tee with SC	2318NU	28 X 22 X 22	771300	148.4	0.15
461801	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 18 E 1 9	Tee with SC	2318NU	18	468101	82	0.08
461811	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 28 E 1 9	Tee with SC	2318NU	28	468118	158.4	0.16
461821	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 35 E 1 9	Tee with SC	2318NU	35	468125	190	0.19
461831	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 42 E 1 9	Tee with SC	2318NU	42	468132	362	0.36
461841	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 54 E 1 9	Tee with SC	2318NU	54	468149	500	0.50
461901	Sanpress Inox	Sanpress-INOX without thread	2326NU Elbow with SC 18 E 1 9	Elbow with SC	2326NU	18	468156	42.4	0.04
461911	Sanpress Inox	Sanpress-INOX without thread	2326NU Elbow with SC 42 E 1 9	Elbow with SC	2326NU	42	468163	230	0.23
461921	Sanpress Inox	Sanpress-INOX without thread	2326NU Elbow with SC 54 E 1 9	Elbow with SC	2326NU	54	468170	328	0.33
461931	Sanpress Inox	Sanpress-INOX without thread	23261NUElbow 45°with SC 18 E 1 9	Elbow 45° with SC	23261NU	18	468187	38.4	0.04

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
461941	Sanpress Inox	Sanpress-INOX without thread	23261NUElbow 45°with SC 35 E 1 9	Elbow 45°with SC	23261NU	35	468194	106.4	0.11
461951	Sanpress Inox	Sanpress-INOX without thread	23261NUElbow 45°with SC 42 E 1 9	Elbow 45° with SC	23261NU	42	468200	220	0.22
461961	Sanpress Inox	Sanpress-INOX without thread	23261NUElbow 45°with SC 54 E 1 9	Elbow 45°with SC	23261NU	54	468217	314	0.31
461973	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 54x42x54 E 1 9	Tee with SC	2318NU	54 X 42 X 54	771317	430	0.43
462263	Sanpress Inox	Sanpress-INOX without thread	2356NU Cap with SC 18 E 1 9	Cap with SC	2356NU	18	771355	23	0.02
462283	Sanpress Inox	Sanpress-Inox without thread	2360NU Union with SC 42 E 1 9	Union with SC	2360NU	42	771362	634	0.63
462313	Sanpress Inox	Sanpress-Inox without thread	2365NU Union with SC 22x3/4 E 1 9	Union with SC	2365NU	22 X 3/4	771393	148	0.15
463893	Sanpress Inox	Sanpress-Inox without thread	23142NUElbow 90°with SC 42x11/2 E 1 9	Elbow 90°w ith SC	23142NU	42 X 1 1/2	771416	440.2	0.44
463903	Sanpress Inox	Sanpress-INOX without thread	23155NUSliding coupling with SC 22 E 1 9	Sliding coupling with SC	23155NU	22	771423	78.8	0.08
463913	Sanpress Inox	Sanpress-INOX without thread	23155NUSliding coupling with SC 35 E 1 9	Sliding coupling with SC	23155NU	35	771430	147.6	0.15
463923	Sanpress Inox	Sanpress-Inox without thread	23171NUTee with SC 22x3/4x22 E 1 9	Tee with SC	23171NU	22 X 3/4 X 22	771447	120.8	0.12
463933	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 35x1/2x35 E 1 9	Tee with SC	23172NU	35 X 1/2 X 35	771454	150.4	0.15
464003	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 35x22x35 E 1 9	Tee with SC	2318NU	35 X 22 X 35	775162	169	0.17
464013	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 54x22x54 E 1 9	Tee with SC	2318NU	54 X 22 X 54	775179	334	0.33
464023	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 35x28x35 E 1 9	Tee with SC	2318NU	35 X 28 X 35	775186	194	0.19
464033	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 42x35x42 E 1 9	Tee with SC	2318NU	42 X 35 X 42	775193	296	0.30
464043	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 42x1/2x42 E 1 9	Tee with SC	23172NU	42 X 1/2 X 42	775209	256	0.26
464053	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 54x1/2x54 E 1 9	Tee with SC	23172NU	54 X 1/2 X 54	775216	320	0.32
464063	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 28x1/2x28 E 1 9	Tee with SC	23172NU	28 X 1/2 X 28	775223	126	0.13
464073	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 28x3/4x28 E 1 9	Tee with SC	23172NU	28 X 3/4 X 28	775230	146.8	0.15
464083	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 18x1/2x18 E 1 9	Tee with SC	23172NU	18 X 1/2 X 18	775247	85.2	0.09
464093	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 22x3/4x22 E 1 9	Tee with SC	23172NU	22 X 3/4 X 22	775254	124	0.12
464103	Sanpress Inox	Sanpress-INOX without thread	23172NUTee with SC 28x1x28 E 1 9	Tee with SC	23172NU	28 X 1 X 28	775261	177	0.18
464113	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 15x1/2x15 E 1 9	Tee with SC	23172NU	15 X 1/2 X 15	775278	73.6	0.07
464123	Sanpress Inox	Sanpress-Inox without thread	23172NUTee with SC 18x3/4x18 E 1 9	Tee with SC	23172NU	18 X 3/4 X 18	775285	106	0.11
464133	Sanpress Inox	Sanpress-Inox without thread	23171NUTee with SC 42x3/4x42 E 1 9	Tee with SC	23171NU	42 X 3/4 X 42	775292	267	0.27
464143	Sanpress Inox	Sanpress-Inox without thread	23171NUTee with SC 35x3/4x35 E 1 9	Tee with SC	23171NU	35 X 3/4 X 35	775308	175	0.18
464163	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 42x22x42 E 1 9	Tee with SC	2318NU	42 X 22 X 42	775322	260	0.26
464173	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 54x35x54 E 1 9	Tee with SC	2318NU	54 X 35 X 54	775339	370	0.37
464183	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 42x28x42 E 1 9	Tee with SC	2318NU	42 X 28 X 42	775346	292	0.29

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
464193	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 22x15x22 E 1 9	Tee with SC	2318NU	22 X 15 X 22	775353	104.4	0.10
464203	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 28x15x28 E 1 9	Tee with SC	2318NU	28 X 15 X 28	775360	122.8	0.12
464213	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 42x18x42 E 1 9	Tee with SC	2318NU	42 X 18 X 42	775377	265	0.27
464223	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 35x15x35 E 1 9	Tee with SC	2318NU	35 X 15 X 35	775384	149.6	0.15
464233	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 35x18x35 E 1 9	Tee with SC	2318NU	35 X 18 X 35	775391	150.8	0.15
464243	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 28x18x28 E 1 9	Tee with SC	2318NU	28 X 18 X 28	775407	126.8	0.13
464253	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 22x18x22 E 1 9	Tee with SC	2318NU	22 X 18 X 22	775414	105.2	0.11
464263	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 18x15x18 E 1 9	Tee with SC	2318NU	18 X 15 X 18	775421	78.4	0.08
464273	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 42x11/2 E 1 9	Adapter with SC	2311NU	42 X 1 1/2	777296	286	0.29
464283	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 54x2 E 1 9	Adapter with SC	2311NU	54 X 2	777302	372	0.37
464293	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 42x11/2 E 1 9	Adapter with SC	2312NU	42 X 1 1/2	777319	238	0.24
464303	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 28x3/4 E 1 9	Adapter with SC	2312NU	28 X 3/4	777326	74.8	0.07
464313	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 35x1 E 1 9	Adapter with SC	2311NU	35 X 1	777333	109.2	0.11
464323	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 35x11/4 E 1 9	Adapter with SC	2312NU	35 X 1 1/4	777340	142.4	0.14
464353	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 18x3/4 E 1 9	Adapter with SC	2311NU	18 X 3/4	777357	64	0.06
464363	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 22x1 E 1 9	Adapter with SC	2311NU	22 X 1	777364	98.4	0.10
464373	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 15x3/4 E 1 9	Adapter with SC	2311NU	15 X 3/4	777371	59.6	0.06
464403	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 22x1 E 1 9	Adapter with SC	2312NU	22 X 1	777388	84	0.08
464413	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 18x3/4 E 1 9	Adapter with SC	2312NU	18 X 3/4	777395	62.2	0.06
464423	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 15x3/4 E 1 9	Adapter with SC	2312NU	15 X 3/4	777401	58.8	0.06
464433	Sanpress Inox	Sanpress-Inox with thread	23111NUPlug-in piece 54x2 E 1 9	Plug-in piece	23111NU	54 X 2	777418	350	0.35
464443	Sanpress Inox	Sanpress-Inox with thread	23111NUPlug-in piece 42x11/2 E 1 9	Plug-in piece	23111NU	42 X 1 1/2	777425	262	0.26
464453	Sanpress Inox	Sanpress-Inox with thread	23121NUPlug-in piece 22x1/2 E 1 9	Plug-in piece	23121NU	22 X 1/2	777432	46	0.05
464463	Sanpress Inox	Sanpress-Inox with thread	23121NUPlug-in piece 35x11/4 E 1 9	Plug-in piece	23121NU	35 X 1 1/4	776244	139.2	0.14
464473	Sanpress Inox	Sanpress-Inox with thread	23121NUPlug-in piece 42x11/2 E 1 9	Plug-in piece	23121NU	42 X 1 1/2	777456	214	0.21
464483	Sanpress Inox	Sanpress-Inox with thread	23121NUPlug-in piece 54x2 E 1 9	Plug-in piece	23121NU	54 X 2	777463	312	0.31
464493	Sanpress Inox	Sanpress-Inox with thread	23121NUPlug-in piece 22x3/4 E 1 9	Plug-in piece	23121NU	22 X 3/4	777470	61.4	0.06
464503	Sanpress Inox	Sanpress-Inox with thread	23111NUPlug-in piece 28x1 E 1 9	Plug-in piece	23111NU	28 X 1	777487	93.2	0.09
464513	Sanpress Inox	Sanpress-Inox with thread	23121NUPlug-in piece 28x1 E 1 9	Plug-in piece	23121NU	28 X 1	777494	82	0.08
464523	Sanpress Inox	Sanpress-Inox with thread	23111NUPlug-in piece 22x3/4 E 1 9	Plug-in piece	23111NU	22 X 3/4	777500	61	0.06

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
464533	Sanpress Inox	Sanpress-Inox with thread	23111NUPlug-in piece 35x11/4 E 1 9	Plug-in piece	23111NU	35 X 1 1/4	777517	178	0.18
464543	Sanpress Inox	Sanpress-Inox with thread	23111NUPlug-in piece 22x1/2 E 1 9	Plug-in piece	23111NU	22 X 1/2	777524	49	0.05
464553	Sanpress Inox	Sanpress-Inox with thread	23121NUPlug-in piece 18x1/2 E 1 9	Plug-in piece	23121NU	18 X 1/2	777531	40	0.04
464573	Sanpress Inox	Sanpress-Inox with thread	23111NUPlug-in piece 15x1/2 E 1 9	Plug-in piece	23111NU	15 X 1/2	777555	41	0.04
464583	Sanpress Inox	Sanpress-Inox with thread	23111NUPlug-in piece 18x1/2 E 1 9	Plug-in piece	23111NU	18 X 1/2	777562	41.8	0.04
464593	Sanpress Inox	Sanpress-Inox with thread	23111NUPlug-in piece 18x3/4 E 1 9	Plug-in piece	23111NU	18 X 3/4	777579	57.6	0.06
464703	Sanpress Inox	Sanpress-Inox with thread	2314NU Elbow 90°with SC 22x3/4 E 1 9	Elbow 90°with SC	2314NU	22 X 3/4	779238	103	0.10
464713	Sanpress Inox	Sanpress-Inox without thread	23142NUElbow 90°with SC 54x2 E 1 9	Elbow 90°w ith SC	23142NU	54 X 2	779085	667	0.67
464723	Sanpress Inox	Sanpress-Inox without thread	23142NUElbow 90°with SC 35x11/4 E 1 9	Elbow 90°with SC	23142NU	35 X 1 1/4	779092	296	0.30
464733	Sanpress Inox	Sanpress-Inox with thread	2314NU Elbow 90°with SC 35x11/4 E 1 9	Elbow 90°wit h SC	2314NU	35 X 1 1/4	779245	247.4	0.25
464743	Sanpress Inox	Sanpress-Inox with thread	2314NU Elbow 90°with SC 54x2 E 1 9	Elbow 90°with SC	2314NU	54 X 2	779252	634	0.63
464753	Sanpress Inox	Sanpress-Inox with thread	2314NU Elbow 90°with SC 42x11/2 E 1 9	Elbow 90°wit h SC	2314NU	42 X 1 1/2	779269	446	0.45
464763	Sanpress Inox	Sanpress-Inox without thread	23142NUElbow 90°with SC 22x3/4 E 1 9	Elbow 90°with SC	23142NU	22 X 3/4	779108	104	0.10
464773	Sanpress Inox	Sanpress-Inox without thread	23142NUElbow 90°with SC 22x1/2 E 1 9	Elbow 90°w ith SC	23142NU	22 X 1/2	779115	95.2	0.10
464783	Sanpress Inox	Sanpress-Inox with thread	23145NUElbow 90°with SC 22x3/4 E 1 9	Elbow 90°with SC	23145NU	22 X 3/4	779184	103.6	0.10
464793	Sanpress Inox	Sanpress-Inox with thread	2314NU Elbow 90°with SC 28x1 E 1 9	Elbow 90°wit h SC	2314NU	28 X 1	779276	155.6	0.16
464803	Sanpress Inox	Sanpress-Inox without thread	23142NUElbow 90°with SC 18x1/2 E 1 9	Elbow 90°with SC	23142NU	18 X 1/2	779122	78.8	0.08
464813	Sanpress Inox	Sanpress-Inox without thread	23142NUElbow 90°with SC 28x1 E 1 9	Elbow 90°w ith SC	23142NU	28 X 1	779139	195.5	0.20
464823	Sanpress Inox	Sanpress-Inox with thread	23145NUElbow 90°with SC 28x1 E 1 9	Elbow 90°with SC	23145NU	28 X 1	779191	149.6	0.15
464833	Sanpress Inox	Sanpress-Inox with thread	23145NUElbow 90°with SC 35x11/4 E 1 9	Elbow 90°wit h SC	23145NU	35 X 1 1/4	779207	206	0.21
464843	Sanpress Inox	Sanpress-Inox with thread	2314NU Elbow 90°with SC 18x3/4 E 1 9	Elbow 90°with SC	2314NU	18 X 3/4	779283	80	0.08
464863	Sanpress Inox	Sanpress-Inox with thread	2314NU Elbow 90°with SC 18x1/2 E 1 9	Elbow 90°wit h SC	2314NU	18 X 1/2	779290	62	0.06
464873	Sanpress Inox	Sanpress-Inox without thread	23142NUElbow 90°with SC 15x1/2 E 1 9	Elbow 90°with SC	23142NU	15 X 1/2	779153	75	0.08
464893	Sanpress Inox	Sanpress-Inox with thread	2314NU Elbow 90°with SC 15x1/2 E 1 9	Elbow 90°wit h SC	2314NU	15 X 1/2	779306	57.2	0.06
464903	Sanpress Inox	Sanpress-Inox with thread	23145NUElbow 90°with SC 15x1/2 E 1 9	Elbow 90°with SC	23145NU	15 X 1/2	779214	54.8	0.05
464913	Sanpress Inox	Sanpress-Inox with thread	23145NUElbow 90°with SC 18x3/4 E 1 9	Elbow 90°wit h SC	23145NU	18 X 3/4	779221	76.8	0.08
465073	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 54x28 E 1 9	Reducer with SC	23151NU	54 X 28	780593	169	0.17
465083	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 42x22 E 1 9	Reducer with SC	23151NU	42 X 22	780609	113.6	0.11
465093	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 35x18 E 1 9	Reducer with SC	23151NU	35 X 18	780616	76.8	0.08
465103	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 28x15 E 1 9	Reducer with SC	23151NU	28 X 15	780623	51.6	0.05

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
465173	Sanpress Inox	Sanpress-Inox without thread	23255NUWall plate with SC 15x1/2 E 1 9	Wall plate with SC	23255NU	15 X 1/2	780630	102.4	0.10
465183	Sanpress Inox	Sanpress-Inox without thread	23255NUWall plate with SC 18x1/2 E 1 9	Wall plate with SC	23255NU	18 X 1/2	780647	106	0.11
465193	Sanpress Inox	Sanpress-Inox without thread	23255NUWall plate with SC 22x1/2 E 1 9	Wall plate with SC	23255NU	22 X 1/2	780654	125	0.13
465213	Sanpress Inox	Sanpress-Inox without thread	23255NUWall plate with SC 22x3/4 E 1 9	Wall plate with SC	23255NU	22 X 3/4	780678	151.6	0.15
465223	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 54x42 E 1 9	Reducer with SC	23151NU	54 X 42	780685	212	0.21
465233	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 54x35 E 1 9	Reducer with SC	23151NU	54 X 35	780692	170	0.17
465243	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 42x35 E 1 9	Reducer with SC	23151NU	42 X 35	780708	115.2	0.12
465253	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 42x28 E 1 9	Reducer with SC	23151NU	42 X 28	780715	112	0.11
465263	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 28x18 E 1 9	Reducer with SC	23151NU	28 X 18	780722	52.8	0.05
465273	Sanpress Inox	Sanpress-INOX without thread	23151NUReducer with SC 18x15 E 1 9	Reducer with SC	23151NU	18 X 15	780739	32.4	0.03
465283	Sanpress Inox	Sanpress-INOX without thread	23155NUSliding coupling with SC 54 E 1 9	Sliding coupling with SC	23155NU	54	780746	342	0.34
465293	Sanpress Inox	Sanpress-INOX without thread	23155NUSliding coupling with SC 28 E 1 9	Sliding coupling with SC	23155NU	28	780753	109.6	0.11
465303	Sanpress Inox	Sanpress-INOX without thread	23155NUSliding coupling with SC 42 E 1 9	Sliding coupling with SC	23155NU	42	780760	245.6	0.25
465313	Sanpress Inox	Sanpress-INOX without thread	23155NUSliding coupling with SC 15 E 1 9	Sliding coupling with SC	23155NU	15	780777	51.2	0.05
465323	Sanpress Inox	Sanpress-INOX without thread	23155NUSliding coupling with SC 18 E 1 9	Sliding coupling with SC	23155NU	18	780784	55.6	0.06
465333	Sanpress Inox	Sanpress-INOX without thread	2356NU Cap with SC 42 E 1 9	Cap with SC	2356NU	42	780791	110	0.11
465343	Sanpress Inox	Sanpress-INOX without thread	2356NU Cap with SC 35 E 1 9	Cap with SC	2356NU	35	780807	58	0.06
465353	Sanpress Inox	Sanpress-INOX without thread	2356NU Cap with SC 28 E 1 9	Cap with SC	2356NU	28	780814	46	0.05
465363	Sanpress Inox	Sanpress-INOX without thread	2356NU Cap with SC 54 E 1 9	Cap with SC	2356NU	54	780821	152	0.15
465373	Sanpress Inox	Sanpress-INOX without thread	2356NU Cap with SC 22 E 1 9	Cap with SC	2356NU	22	780838	34.4	0.03
465383	Sanpress Inox	Sanpress-INOX without thread	2356NU Cap with SC 15 E 1 9	Cap with SC	2356NU	15	780845	20	0.02
465403	Sanpress Inox	Sanpress-Inox without thread	2362NU Union with SC 54x2 E 1 9	Union with SC	2362NU	54 X 2	782351	769	0.77
465413	Sanpress Inox	Sanpress-Inox without thread	2365NU Union with SC 42x11/2 E 1 9	Union with SC	2365NU	42 X 1 1/2	782368	574	0.57
465423	Sanpress Inox	Sanpress-Inox without thread	2365NU Union with SC 54x2 E 1 9	Union with SC	2365NU	54 X 2	782375	1076	1.08
465443	Sanpress Inox	Sanpress-Inox without thread	2355NU Union with SC 42x11/2 E 1 9	Union with SC	2355NU	42 X 1 1/2	782399	736	0.74
465453	Sanpress Inox	Sanpress-Inox without thread	2362NU Union with SC 35x11/4 E 1 9	Union with SC	2362NU	35 X 1 1/4	782405	386	0.39
465473	Sanpress Inox	Sanpress-Inox without thread	2362NU Union with SC 42x11/2 E 1 9	Union with SC	2362NU	42 X 1 1/2	782429	510	0.51
465483	Sanpress Inox	Sanpress-Inox without thread	2360NU Union with SC 54 E 1 9	Union with SC	2360NU	54	782436	1120	1.12
465493	Sanpress Inox	Sanpress-Inox without thread	2365NU Union with SC 35x11/4 E 1 9	Union with SC	2365NU	35 X 1 1/4	782443	422	0.42
465503	Sanpress Inox	Sanpress-Inox without thread	2355NU Union with SC 35x11/4 E 1 9	Union with SC	2355NU	35 X 1 1/4	782450	484	0.48

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
465533	Sanpress Inox	Sanpress-Inox without thread	2355NU Union with SC 28x1 E 1 9	Union with SC	2355NU	28 X 1	782481	370	0.37
465543	Sanpress Inox	Sanpress-Inox without thread	2362NU Union with SC 28x1 E 1 9	Union with SC	2362NU	28 X 1	782498	278	0.28
465563	Sanpress Inox	Sanpress-Inox without thread	2363NU Union with SC 35x11/2 E 1 9	Union with SC	2363NU	35 X 1 1/2	782511	194	0.19
465573	Sanpress Inox	Sanpress-Inox without thread	2363NU Union with SC 28x1 E 1 9	Union with SC	2363NU	28 X 1	782528	122	0.12
465593	Sanpress Inox	Sanpress-Inox without thread	2355NU Union with SC 22x3/4 E 1 9	Union with SC	2355NU	22 X 3/4	782542	228	0.23
465613	Sanpress Inox	Sanpress-Inox without thread	2360NU Union with SC 35 E 1 9	Union with SC	2360NU	35	782566	473	0.47
465623	Sanpress Inox	Sanpress-Inox without thread	2362NU Union with SC 28x3/4 E 1 9	Union with SC	2362NU	28 X 3/4	782573	250	0.25
465663	Sanpress Inox	Sanpress-Inox without thread	2365NU Union with SC 28x3/4 E 1 9	Union with SC	2365NU	28 X 3/4	782603	222	0.22
465683	Sanpress Inox	Sanpress-Inox without thread	2362NU Union with SC 22x3/4 E 1 9	Union with SC	2362NU	22 X 3/4	782627	152	0.15
465713	Sanpress Inox	Sanpress-Inox without thread	2365NU Union with SC 22x1/2 E 1 9	Union with SC	2365NU	22 X 1/2	782641	136	0.14
465723	Sanpress Inox	Sanpress-Inox without thread	2363NU Union with SC 22x3/4 E 1 9	Union with SC	2363NU	22 X 3/4	782658	82	0.08
465733	Sanpress Inox	Sanpress-Inox without thread	2365NU Union with SC 18x3/4 E 1 9	Union with SC	2365NU	18 X 3/4	782665	132	0.13
465773	Sanpress Inox	Sanpress-Inox without thread	2362NU Union with SC 22x1/2 E 1 9	Union with SC	2362NU	22 X 1/2	782689	140	0.14
465783	Sanpress Inox	Sanpress-Inox without thread	2363NU Union with SC 18x3/4 E 1 9	Union with SC	2363NU	18 X 3/4	782696	68	0.07
465803	Sanpress Inox	Sanpress-Inox without thread	2365NU Union with SC 18x1/2 E 1 9	Union with SC	2365NU	18 X 1/2	782702	114	0.11
465823	Sanpress Inox	Sanpress-Inox without thread	2362NU Union with SC 18x1/2 E 1 9	Union with SC	2362NU	18 X 1/2	782726	128	0.13
465843	Sanpress Inox	Sanpress-Inox without thread	2362NU Union with SC 15x1/2 E 1 9	Union with SC	2362NU	15 X 1/2	782740	128	0.13
465853	Sanpress Inox	Sanpress-Inox without thread	2365NU Union with SC 15x1/2 E 1 9	Union with SC	2365NU	15 X 1/2	782757	122	0.12
465863	Sanpress Inox	Sanpress-Inox without thread	2363NU Union with SC 15x1/2 E 1 9	Union with SC	2363NU	15 X 1/2	782764	52	0.05
465893	Sanpress Inox	Sanpress-Inox without thread	2360NU Union with SC 15 E 1 9	Union with SC	2360NU	15	782795	156	0.16
468123	Sanpress Inox	Sanpress Inox XL	2359NU Flange adapter with SC 76.1(DN65)EH1 9	Flange adapter with SC	2359NU	76.1 (DN65)	820558	2673	2.67
468133	Sanpress Inox	Sanpress Inox XL	2316NU Elbow 90°with SC 76.1 EH1 9	Elbow 90°with SC	2316 NU	76.1	820565	1100	1.10
468143	Sanpress Inox	Sanpress Inox XL	2316NU Elbow 90°with SC 88.9 EH1 9	Elbow 90°with SC	2316NU	88.9	820572	1454	1.45
468153	Sanpress Inox	Sanpress Inox XL	2316NU Elbow 90°with SC 108.0 EH1 9	Elbow 90°with SC	2316 NU	108.0	820589	2170	2.17
468163	Sanpress Inox	Sanpress Inox XL	2315NU Coupling with SC 76.1 EH1 9	Coupling with SC	2315NU	76.1	820596	605	0.61
468173	Sanpress Inox	Sanpress Inox XL	2315NU Coupling with SC 88.9 EH1 9	Coupling with SC	2315NU	88.9	820602	700.6	0.70
468183	Sanpress Inox	Sanpress Inox XL	2315NU Coupling with SC 108.0 EH1 9	Coupling with SC	2315NU	108.0	820619	962	0.96
468253	Sanpress Inox	Sanpress Inox XL	23161NUElbow 90°with SC 76.1 EH1 9	Elbow 90°with SC	2316 1NU	76.1	820626	1040	1.04
468263	Sanpress Inox	Sanpress Inox XL	23161NUElbow 90°with SC 88.9 EH1 9	Elbow 90°with SC	23161NU	88.9	820633	1266	1.27
468273	Sanpress Inox	Sanpress Inox XL	2316NU Elbow 90°with SC 64.0 EH1 9	Elbow 90°with SC	2316 NU	64.0	820640	791	0.79

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
468463	Sanpress Inox	Sanpress Inox XL	2326NU Elbow 45°with SC 76.1 EH1 9	Elbow 45°with SC	2326NU	76.1	820657	840	0.84
468473	Sanpress Inox	Sanpress Inox XL	2326NU Elbow 45°with SC 88.9 EH1 9	Elbow 45°with SC	2326 NU	88.9	820664	1040.3	1.04
468483	Sanpress Inox	Sanpress Inox XL	23261NUElbow 45°with SC 76.1 EH1 9	Elbow 45°with SC	23261NU	76.1	820688	750	0.75
468493	Sanpress Inox	Sanpress Inox XL	23155NUSliding coupling with SC 76.1 EH1 9	Sliding coupling with SC	23155NU	76.1	820695	610	0.61
469593	Sanpress Inox	Sanpress Inox XL	23151NUReducer with SC 76.1x54 EH1 9	Reducer with SC	23151NU	76.1 X 54	820794	410	0.41
469603	Sanpress Inox	Sanpress Inox XL	23151NUReducer with SC 88.9x76.1 EH1 9	Reducer with SC	23151NU	88.9 X 76.1	820817	619	0.62
469613	Sanpress Inox	Sanpress Inox XL	23172NUTee with SC 76.1x3/4x76.1 EH1 9	Tee with SC	23172NU	76.1 X 3/4 X 76.1	820824	735	0.74
469623	Sanpress Inox	Sanpress Inox XL	2318NU Tee with SC 76.1 EH1 9	Tee with SC	2318NU	76.1	820831	1180	1.18
469633	Sanpress Inox	Sanpress Inox XL	23172NUTee with SC 88.9x3/4x88.9 EH1 9	Tee with SC	23172NU	88.9 X 3/4 X 88.9	820848	830	0.83
469643	Sanpress Inox	Sanpress Inox XL	2318NU Tee with SC 76.1x54x76.1 EH1 9	Tee with SC	2318NU	76.1 X 54 X 76.1	820855	920	0.92
469653	Sanpress Inox	Sanpress Inox XL	2359NU Flange adapter with SC 88.9(DN80)EH1 9	Flange adapter with SC	2359NU	88.9 (DN80)	820862	3574	3.57
469663	Sanpress Inox	Sanpress Inox XL	2359NU Flange adapter with SC 108.0(DN10EH1 9	Flange adapter with SC	2359NU	108.0 (DN100)	820879	4236	4.24
469673	Sanpress Inox	Sanpress Inox XL	2311NU Adapter with SC 76.1x21/2 EH1 9	Adapter with SC	2311NU	76.1 X 2 1/2	820886	879	0.88
469683	Sanpress Inox	Sanpress Inox XL	2312NU Adapter with SC 76.1x21/2 EH1 9	Adapter with SC	2312NU	76.1 X 2 1/2	820893	675	0.68
476101	Sanpress Inox	Sanpress Inox XL	2356XL Cap with SC 76.1x3/4 EH1 9	Cap with SC	2356XL	76.1 X 3/4	557874	473	0.47
476111	Sanpress Inox	Sanpress Inox XL	23561XLCap with SC 76.1 EH1 9	Cap with SC	23561XL	76.1	557881	445	0.45
476121	Sanpress Inox	Sanpress Inox XL	2356XL Cap with SC 88.9x3/4 EH1 9	Cap with SC	2356XL	88.9 X 3/4	557898	570	0.57
476131	Sanpress Inox	Sanpress Inox XL	23561XLCap with SC 88.9 EH1 9	Cap with SC	23561XL	88.9	557904	526.9	0.53
476141	Sanpress Inox	Sanpress Inox XL	2356XL Cap with SC 108.0x3/4 EH1 9	Cap with SC	2356XL	108.0 X 3/4	557911	764	0.76
476151	Sanpress Inox	Sanpress Inox XL	23561XLCap with SC 108.0 EH1 9	Cap with SC	23561XL	108.0	557928	725	0.73
545731	Sanpress Inox	Sanpress-Inox with thread	23257 Double wall plate SC 15x1/2x15 E 1 9	Double wall plate with SC	23257	15 X 1/2 X 15	693718	156	0.16
553791	Sanpress Inox	Sanpress-INOX without thread	6015 Coupling 1/2 ED1 9	Coupling	6015	1/2	852676	37.6	0.04
553801	Sanpress Inox	Sanpress-INOX without thread	6015 Coupling 3/4 ED1 9	Coupling	6015	3/4	852720	59.9	0.06
553811	Sanpress Inox	Sanpress-INOX without thread	6015 Coupling 1 ED1 9	Coupling	6015	1	852775	74.2	0.07
553821	Sanpress Inox	Sanpress-INOX without thread	6015 Coupling 11/4 ED1 9	Coupling	6015	1 1/4	852829	106.6	0.11
553831	Sanpress Inox	Sanpress-INOX without thread	6015 Coupling 11/2 ED1 9	Coupling	6015	1 1/2	852874	189	0.19
553841	Sanpress Inox	Sanpress-INOX without thread	6015 Coupling 2 ED1 9	Coupling	6015	2	852928	263	0.26
553851	Sanpress Inox	Sanpress-INOX without thread	60155 Sliding coupling 1/2 ED1 9	Sliding coupling	60155	1/2	853123	34.5	0.03
553861	Sanpress Inox	Sanpress-INOX without thread	60155 Sliding coupling 3/4 ED1 9	Sliding coupling	60155	3/4	853178	58.9	0.06
553871	Sanpress Inox	Sanpress-INOX without thread	60155 Sliding coupling 1 ED1 9	Sliding coupling	60155	1	853222	75.4	0.08

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
553881	Sanpress Inox	Sanpress-INOX without thread	60155 Sliding coupling 11/4 E 1 9	Sliding coupling	60155	1 1/4	853277	110	0.11
553891	Sanpress Inox	Sanpress-INOX without thread	60155 Sliding coupling 11/2 ED1 9	Sliding coupling	60155	1 1/2	853321	177	0.18
553901	Sanpress Inox	Sanpress-INOX without thread	60155 Sliding coupling 2 E 1 9	Sliding coupling	60155	2	853376	258.5	0.26
553911	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 1/2 ED1 9	Adapter with SC	6011	1/2	850122	53	0.05
553921	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 1/2x3/4 ED1 9	Adapter with SC	6011	1/2 X 3/4	850177	77.7	0.08
553931	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 3/4x1/2 ED1 9	Adapter with SC	6011	3/4 X 1/2	850221	63.7	0.06
553941	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 3/4 ED1 9	Adapter with SC	6011	3/4	850276	74.8	0.07
553951	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 3/4x1 ED1 9	Adapter with SC	6011	3/4 X 1	850320	196.7	0.20
553961	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 1x3/4 ED1 9	Adapter with SC	6011	1 X 3/4	850375	92	0.09
553971	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 1 ED1 9	Adapter with SC	6011	1	850429	140.16	0.14
553981	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 11/4 ED1 9	Adapter with SC	6011	1 1/4	850474	265	0.27
553991	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 11/2 ED1 9	Adapter with SC	6011	1 1/2	850528	321	0.32
554001	Sanpress Inox	Sanpress-Inox without thread	6011 Adapter with SC 2 ED1 9	Adapter with SC	6011	2	850542	457.99	0.46
554011	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 1x1/2 ED1 9	Adapter with SC	6012	1 X 1/2	850948	118.6	0.12
554021	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 2x1 ED1 9	Adapter with SC	6012	2 X 1	850771	475	0.48
554031	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 1/2x1/2 ED1 9	Adapter with SC	6012	1/2 X 1/2	850825	49.4	0.05
554041	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 3/4x1/2 ED1 9	Adapter with SC	6012	3/4 X 1/2	850870	59.7	0.06
554051	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 3/4 ED1 9	Adapter with SC	6012	3/4	850962	79.4	0.08
554061	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 1x3/4 ED1 9	Adapter with SC	6012	1 X 3/4	850979	94.4	0.09
554071	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 11/4 ED1 9	Adapter with SC	6012	1 1/4	851075	189.3	0.19
554081	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 11/2 ED1 9	Adapter with SC	6012	1 1/2	851174	283.5	0.28
554091	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 2 ED1 9	Adapter with SC	6012	2	851273	324	0.32
554101	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 2x11/2 ED1 9	Adapter with SC	6012	2 X 1 1/2	851228	326	0.33
554111	Sanpress Inox	Sanpress-INOX without thread	6016 Elbow 90°with SC 1/2 ED1 9	Elbow 90° with SC	6016	1/2	854021	57.3	0.06
554121	Sanpress Inox	Sanpress-INOX without thread	6016 Elbow 90°with SC 3/4 ED1 9	Elbow 90°with SC	6016	3/4	854076	111.5	0.11
554131	Sanpress Inox	Sanpress-INOX without thread	6016 Elbow 90°with SC 11/4 ED1 9	Elbow 90° with SC	6016	1 1/4	854175	183.7	0.18
554141	Sanpress Inox	Sanpress-INOX without thread	6016 Elbow 90°with SC 1 ED1 9	Elbow 90°with SC	6016	1	854120	142.4	0.14
554151	Sanpress Inox	Sanpress-INOX without thread	6016 Elbow 90°with SC 11/2 ED1 9	Elbow 90° with SC	6016	1 1/2	854229	310.71	0.31
554161	Sanpress Inox	Sanpress-INOX without thread	6016 Elbow 90°with SC 2 ED1 9	Elbow 90°with SC	6016	2	854274	469.46	0.47
554171	Sanpress Inox	Sanpress-INOX without thread	6026 Elbow 45°with SC 1/2 ED1 9	Elbow 45° with SC	6026	1/2	854472	47	0.05

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
554181	Sanpress Inox	Sanpress-INOX without thread	6026 Elbow 45°with SC 3/4 ED1 9	Elbow 45°with SC	6026	3/4	854526	83.3	0.08
554191	Sanpress Inox	Sanpress-INOX without thread	6026 Elbow 45°with SC 1 ED1 9	Elbow 45° with SC	6026	1	854571	111.13	0.11
554201	Sanpress Inox	Sanpress-INOX without thread	6026 Elbow 45°with SC 11/4 ED1 9	Elbow 45°with SC	6026	1 1/4	854625	135.4	0.14
554211	Sanpress Inox	Sanpress-INOX without thread	6026 Elbow 45°with SC 11/2 ED1 9	Elbow 45° with SC	6026	1 1/2	854670	249.4	0.25
554221	Sanpress Inox	Sanpress-INOX without thread	6026 Elbow 45°with SC 2 ED1 9	Elbow 45°with SC	6026	2	854724	351	0.35
554231	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 1/2 ED1 9	Tee with SC	6018	1/2	855820	74.8	0.07
554241	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 3/4 ED1 9	Tee with SC	6018	3/4	855875	119.7	0.12
554251	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 1 ED1 9	Tee with SC	6018	1	855929	165.2	0.17
554261	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 11/4 ED1 9	Tee with SC	6018	1 1/4	855974	205	0.21
554271	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 11/2 ED1 9	Tee with SC	6018	1 1/2	855981	362.8	0.36
554281	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 2 ED1 9	Tee with SC	6018	2	856070	535.23	0.54
554291	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 3/4x3/4x1/2 ED1 9	Tee with SC	6018	3/4 X 3/4 X 1/2	856322	110	0.11
554301	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 1x1x1/2 ED1 9	Tee with SC	6018	1 X 1 X 1/2	856421	143.2	0.14
554311	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 1x1x3/4 ED1 9	Tee with SC	6018	1 X 1 X 3/4	856520	154.1	0.15
554321	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 11/4x11/4x1/2 ED1 9	Tee with SC	6018	1 1/4 X 1 1/4 X1/2	856629	163	0.16
554331	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 11/4x11/4x3/4 ED1 9	Tee with SC	6018	1 1/4 X 1 1/4 X3/4	856728	183	0.18
554341	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 11/4x11/4x1 ED1 9	Tee with SC	6018	1 1/4 X 1 1/4 X 1	856827	202	0.20
554351	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 11/2x11/2x1/2 ED1 9	Tee with SC	6018	1 1/2 X 1 1/2 X1/2	856926	291	0.29
554361	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 11/2x11/2x3/4 ED1 9	Tee with SC	6018	1 1/2 X 1 1/2 X3/4	857022	297.012	0.30
554371	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 11/2x11/2x1 ED1 9	Tee with SC	6018	1 1/2 X 1 1/2 X 1	857121	328	0.33
554381	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 2x2x1/2 ED1 9	Tee with SC	6018	2 X 2 X 1/2	857220	341.7	0.34
554391	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 2x2x3/4 ED1 9	Tee with SC	6018	2 X 2 X 3/4	857329	342.4	0.34
554401	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 2x2x1 ED1 9	Tee with SC	6018	2 X 2 X 1	857428	365	0.37
554411	Sanpress Inox	Sanpress-INOX without thread	6018 Tee with SC 2x2x11/2 ED1 9	Tee with SC	6018	2 X 2 X 1 1/2	857527	453	0.45
554421	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 3/4x3/4x1/2 ED1 9	Tee with SC	60172	3/4 X 3/4 X 1/2	858227	117.2	0.12
554441	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 1x1x1/2 ED1 9	Tee with SC	60172	1 X 1 X 1/2	858425	153	0.15
554451	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 1x1x3/4 ED1 9	Tee with SC	60172	1 X 1 X 3/4	858524	172	0.17
554461	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 11/4x11/4x1/2 ED1 9	Tee with SC	60172	1 1/4 X 1 1/4 X1/2	858623	181.1	0.18
554471	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 11/4x11/4x3/4 ED1 9	Tee with SC	60172	1 1/4 X 1 1/4 X3/4	858722	206.5	0.21
554481	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 11/4x11/4x1 ED1 9	Tee with SC	60172	1 1/4 X 1 1/4 X 1	858821	285	0.29

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554491	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 11/2x11/2x1/2 ED1 9	Tee with SC	60172	1 1/2 X 1 1/2 X1/2	858920	311	0.31
554501	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 11/2x11/2x3/4 ED1 9	Tee with SC	60172	1 1/2 X 1 1/2 X3/4	859026	324.32	0.32
554511	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 11/2x11/2x1 ED1 9	Tee with SC	60172	1 1/2 X 1 1/2 X 1	859125	401	0.40
554521	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 2x2x1/2 ED1 9	Tee with SC	60172	2 X 2 X 1/2	859224	338	0.34
554531	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 2x2x3/4 ED1 9	Tee with SC	60172	2 X 2 X 3/4	859323	373	0.37
554541	Sanpress Inox	Sanpress-Inox without thread	60172 Tee with SC 2x2x1 ED1 9	Tee with SC	60172	2 X 2 X 1	859422	392	0.39
554551	Sanpress Inox	Sanpress-Inox without thread	6012 Adapter with SC 1 ED1 9	Adapter with SC	6012	1	851280	109.76	0.11
554561	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 3/4x1/2 ED1 9	Reducer with SC	60151	3/4 X 1/2	851624	42.8	0.04
554571	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 1x1/2 ED1 9	Reducer with SC	60151	1 X 1/2	851679	54.89	0.05
554581	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 1x3/4 ED1 9	Reducer with SC	60151	1 X 3/4	851723	63.1	0.06
554591	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 11/4x1/2 ED1 9	Reducer with SC	60151	1 1/4 X 1/2	851730	75	0.08
554601	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 11/4x3/4 ED1 9	Reducer with SC	60151	1 1/4 X 3/4	851822	87	0.09
554611	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 11/4x1 ED1 9	Reducer with SC	60151	1 1/4 X 1	851877	97.5	0.10
554621	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 11/2x1/2 ED1 9	Reducer with SC	60151	1 1/2 X 1/2	851921	126.2	0.13
554631	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 11/2x3/4 ED1 9	Reducer with SC	60151	1 1/2 X 3/4	851976	131.5	0.13
554641	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 11/2x1 ED1 9	Reducer with SC	60151	1 1/2 X 1	852027	123.9	0.12
554651	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 2x1/2 ED1 9	Reducer with SC	60151	2 X 1/2	852126	164	0.16
554661	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 2x3/4 ED1 9	Reducer with SC	60151	2 X 3/4	852171	197	0.20
554671	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 2x1 ED1 9	Reducer with SC	60151	2 X 1	852225	201.8	0.20
554681	Sanpress Inox	Sanpress-INOX without thread	60151 Reducer with SC 2x11/2 ED1 9	Reducer with SC	60151	2 X 1 1/2	852324	216	0.22
554691	Sanpress Inox	Sanpress-Inox without thread	6060 Union with SC 1/2 ED1 9	Union with SC	6060	1/2	860077	141.4	0.14
554701	Sanpress Inox	Sanpress-Inox without thread	6060 Union with SC 3/4 ED1 9	Union with SC	6060	3/4	860121	215.3	0.22
554711	Sanpress Inox	Sanpress-Inox without thread	6060 Union with SC 1 ED1 9	Union with SC	6060	1	860176	352.2	0.35
554721	Sanpress Inox	Sanpress-Inox without thread	6060 Union with SC 11/4 ED1 9	Union with SC	6060	1 1/4	860220	461	0.46
554731	Sanpress Inox	Sanpress-Inox without thread	6060 Union with SC 11/2 ED1 9	Union with SC	6060	1 1/2	860275	888	0.89
554741	Sanpress Inox	Sanpress-Inox without thread	6060 Union with SC 2 ED1 9	Union with SC	6060	2	860329	1372	1.37
554751	Sanpress Inox	Sanpress-INOX without thread	6056 Cap with SC 1/2 E 1 9	Cap with SC	6056	1/2	853574	17.3	0.02
554761	Sanpress Inox	Sanpress-INOX without thread	6056 Cap with SC 3/4 E 1 9	Cap with SC	6056	3/4	853628	36	0.04
554771	Sanpress Inox	Sanpress-INOX without thread	6056 Cap with SC 1 E 1 9	Cap with SC	6056	1	863672	47.6	0.05
554781	Sanpress Inox	Sanpress-INOX without thread	6056 Cap with SC 11/4 E 1 9	Cap with SC	6056	1 1/4	863726	77.1	0.08

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
554791	Sanpress Inox	Sanpress-INOX without thread	6056 Cap with SC 11/2 E 1 9	Cap with SC	6056	1 1/2	863771	117	0.12
554801	Sanpress Inox	Sanpress-INOX without thread	6056 Cap with SC 2 E 1 9	Cap with SC	6056	2	863825	163.2	0.16
554811	Sanpress Inox	Sanpress-INOX without thread	60161 Elbow 90°with SC 1/2 ED1 9	Elbow 90°with SC	60161	1/2	854922	52.1	0.05
554821	Sanpress Inox	Sanpress-INOX without thread	60161 Elbow 90°with SC 3/4 ED1 9	Elbow 90° with SC	60161	3/4	854977	104.5	0.10
554831	Sanpress Inox	Sanpress-INOX without thread	60161 Elbow 90°with SC 1 ED1 9	Elbow 90°with SC	60161	1	855028	143	0.14
554841	Sanpress Inox	Sanpress-INOX without thread	60161 Elbow 90°with SC 11/2 ED1 9	Elbow 90° with SC	60161	1 1/2	855127	296	0.30
554851	Sanpress Inox	Sanpress-INOX without thread	60161 Elbow 90°with SC 2 ED1 9	Elbow 90°with SC	60161	2	855172	447	0.45
554861	Sanpress Inox	Sanpress-INOX without thread	60261 Elbow 45°with SC 1/2 ED1 9	Elbow 45° with SC	60261	1/2	855370	39.6	0.04
554871	Sanpress Inox	Sanpress-INOX without thread	60261 Elbow 45°with SC 3/4 ED1 9	Elbow 45°with SC	60261	3/4	855424	79.1	0.08
554881	Sanpress Inox	Sanpress-INOX without thread	60261 Elbow 45°with SC 1 ED1 9	Elbow 45° with SC	60261	1	855479	106.4	0.11
554891	Sanpress Inox	Sanpress-INOX without thread	60261 Elbow 45°with SC 11/2 ED1 9	Elbow 45°with SC	60261	1 1/2	855578	229	0.23
554901	Sanpress Inox	Sanpress-INOX without thread	60261 Elbow 45°with SC 2 ED1 9	Elbow 45° with SC	60261	2	855622	335.6	0.34
555291	Sanpress Inox	Sanpress Inox XL	2359NU Flange 64.0 E 1 9	Flange	2359NU	64.0	712266	2175	2.18
555311	Sanpress Inox	Sanpress Inox XL	2359NU Flange 76.1 E 1 9	Flange	2359NU	76.1	712273	2315	2.32
555361	Sanpress Inox	Sanpress Inox XL	2359NU Flange 88.9 E 1 9	Flange	2359NU	88.9	712280	3240	3.24
555391	Sanpress Inox	Sanpress Inox XL	2359NU Flange 108.0 E 1 9	Flange	2359NU	108.0	712297	3777	3.78
565401	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 35x1 E 1 9	Adapter with SC	2312NU	35 X 1	701963	97	0.10
565421	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 42x11/4 E 1 9	Adapter with SC	2312NU	42 X 11/4	701987	192	0.19
565431	Sanpress Inox	Sanpress-Inox without thread	2312NU Adapter with SC 54x11/2 E 1 9	Adapter with SC	2312NU	54 X 1 1/2	701994	278	0.28
565461	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 42x11/4 E 1 9	Adapter with SC	2311NU	42 X 11/4	702021	226	0.23
565471	Sanpress Inox	Sanpress-Inox without thread	2311NU Adapter with SC 54x11/2 E 1 9	Adapter with SC	2311NU	54 X 11/2	702038	390.7	0.39
565531	Sanpress Inox	Sanpress Inox XL	23151NUReducer with SC 76.1x42 EH1 9	Reducer with SC	23151NU	76.1 X 42	702090	392	0.39
565541	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 22x22x18 E 1 9	Tee with SC	2318NU	22 X 22 X 18	702106	118	0.12
565551	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 28x28x22 E 1 9	Tee with SC	2318NU	28 X 28 X 22	702113	170	0.17
565611	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 22x18x18 E 1 9	Tee with SC	2318NU	22 X 18 X 18	702175	108	0.11
566791	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 35x22x28 E 1 9	Tee with SC	2318NU	35 X 22 X 28	703141	182	0.18
566801	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 35x28x28 E 1 9	Tee with SC	2318NU	35 X 28 X 28	703158	207	0.21
566811	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 22x28x22 E 1 9	Tee with SC	2318NU	22 X 28 X 22	703165	139.2	0.14
566851	Sanpress Inox	Sanpress-INOX without thread	2318NU Tee with SC 42x15x42 E 1 9	Tee with SC	2318NU	42 X 15 X 42	703202	256	0.26
570201	Sanpress Inox	Sanpress-INOX without thread	2359NU Flange 54(DN50) E 1 9	Flange	2359NU	54 (DN50)	718244	2333	2.33

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
571991	Sanpress Inox	Sanpress-INOX without thread	2359NU Flange 42(DN40) E 1 9	Flange	2359NU	42 (DN40)	719159	1972	1.97
586491	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 18x15x15 E 1 9	Tee with SC	2318LF	18 X 15 X 15	771782	83.1	0.08
586581	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 35x15x35 E 1 9	Tee with SC	2318LF	35 X 15 X 35	771805	156.1	0.16
586621	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 42x15x42 E 1 9	Tee with SC	2318LF	42 X 15 X 42	771829	256.5	0.26
586661	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 54x15x54 E 1 9	Tee with SC	2318LF	54 X 15 X 54	771843	314.2	0.31
586691	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 54x18x54 E 1 9	Tee with SC	2318LF	54 X 18 X 54	772154	319	0.32
591801	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 15x1/2 E 1 9	Adapter with SC	2311LF	15 X 1/2	665777	53	0.05
591811	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 18x1/2 E 1 9	Adapter with SC	2311LF	18 X 1/2	665807	54.8	0.05
591821	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 18x3/4 E 1 9	Adapter with SC	2311LF	18 X 3/4	665838	72.7	0.07
591831	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 22x1 E 1 9	Adapter with SC	2311LF	22 X 1	665845	122	0.12
591841	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 22x1/2 E 1 9	Adapter with SC	2311LF	22 X 1/2	665814	69	0.07
591851	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 22x3/4 E 1 9	Adapter with SC	2311LF	22 X 3/4	665784	76	0.08
591861	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 28x1 E 1 9	Adapter with SC	2311LF	28 X 1	665791	110.3	0.11
591871	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 28x3/4 E 1 9	Adapter with SC	2311LF	28 X 3/4	665821	88	0.09
591881	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 35x1 E 1 9	Adapter with SC	2311LF	35 X 1	665883	130	0.13
591891	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 35x11/4 E 1 9	Adapter with SC	2311LF	35 X 1 1/4	665852	193	0.19
591901	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 42x11/2 E 1 9	Adapter with SC	2311LF	42 X 1 1/2	665869	288.1	0.29
591911	Sanpress Inox LF	Sanpress-Inox without thread	2311LF Adapter with SC 54x2 E 1 9	Adapter with SC	2311LF	54 X 2	665876	380	0.38
591931	Sanpress Inox LF	Sanpress Inox XL	2311LF Adapter with SC 76.1x21/2 E 1 9	Adapter with SC	2311LF	76.1 X 2 1/2	665890	890.2	0.89
591941	Sanpress Inox LF	Sanpress Inox XL	2311LF Adapter with SC 88.9x3 E 1 9	Adapter with SC	2311LF	88.9 X 3	665906	1068.3	1.07
591961	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 15x1/2 E 1 9	Adapter with SC	2312LF	15 X 1/2	665937	51.5	0.05
591971	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 18x1/2 E 1 9	Adapter with SC	2312LF	18 X 1/2	665968	54	0.05
591981	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 18x3/4 E 1 9	Adapter with SC	2312LF	18 X 3/4	665999	69.5	0.07
591991	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 22x1/2 E 1 9	Adapter with SC	2312LF	22 X 1/2	665975	60	0.06
592001	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 22x3/4 E 1 9	Adapter with SC	2312LF	22 X 3/4	665944	76	0.08

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
592011	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 28x3/4 E 1 9	Adapter with SC	2312LF	28 X 3/4	665982	85.7	0.09
592021	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 28x1 E 1 9	Adapter with SC	2312LF	28 X 1	665951	99	0.10
592031	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 35x11/4 E 1 9	Adapter with SC	2312LF	35 X 1 1/4	666002	148	0.15
592041	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 42x11/2 E 1 9	Adapter with SC	2312LF	42 X 1 1/2	666019	268	0.27
592051	Sanpress Inox LF	Sanpress-Inox without thread	2312LF Adapter with SC 54x2 E 1 9	Adapter with SC	2312LF	54 X 2	666026	332	0.33
592061	Sanpress Inox LF	Sanpress-INOX without thread	2315LF Coupling with SC 15 E 1 9	Coupling with SC	2315LF	15	666040	40.6	0.04
592071	Sanpress Inox LF	Sanpress-INOX without thread	2315LF Coupling with SC 18 E 1 9	Coupling with SC	2315LF	18	666064	49	0.05
592081	Sanpress Inox LF	Sanpress-INOX without thread	2315LF Coupling with SC 22 E 1 9	Coupling with SC	2315LF	22	666033	66	0.07
592091	Sanpress Inox LF	Sanpress-INOX without thread	2315LF Coupling with SC 28 E 1 9	Coupling with SC	2315LF	28	666057	80	0.08
592101	Sanpress Inox LF	Sanpress-INOX without thread	2315LF Coupling with SC 35 E 1 9	Coupling with SC	2315LF	35	666071	103.7	0.10
592111	Sanpress Inox LF	Sanpress-INOX without thread	2315LF Coupling with SC 42 E 1 9	Coupling with SC	2315LF	42	666095	186	0.19
592121	Sanpress Inox LF	Sanpress-INOX without thread	2315LF Coupling with SC 54 E 1 9	Coupling with SC	2315LF	54	666088	241.5	0.24
592141	Sanpress Inox LF	Sanpress Inox XL	2315LF Coupling with SC 76.1 E 1 9	Coupling with SC	2315LF	76.1	666101	593.3	0.59
592151	Sanpress Inox LF	Sanpress Inox XL	2315LF Coupling with SC 88.9 E 1 9	Coupling with SC	2315LF	88.9	666118	708.5	0.71
592161	Sanpress Inox LF	Sanpress Inox XL	2315LF Coupling with SC 108.0 E 1 9	Coupling with SC	2315LF	108.0	666125	958.2	0.96
592171	Sanpress Inox LF	Sanpress-INOX without thread	23155LFSliding coupling with SC 15 E 1 9	Sliding coupling with SC	23155LF	15	666163	56.6	0.06
592181	Sanpress Inox LF	Sanpress-INOX without thread	23155LFSliding coupling with SC 18 E 1 9	Sliding coupling with SC	23155LF	18	666170	67.3	0.07
592191	Sanpress Inox LF	Sanpress-INOX without thread	23155LFSliding coupling with SC 22 E 1 9	Sliding coupling with SC	23155LF	22	666156	91.6	0.09
592201	Sanpress Inox LF	Sanpress-INOX without thread	23155LFSliding coupling with SC 28 E 1 9	Sliding coupling with SC	23155LF	28	666149	124.7	0.12
592211	Sanpress Inox LF	Sanpress-INOX without thread	23155LFSliding coupling with SC 35 E 1 9	Sliding coupling with SC	23155LF	35	666187	165.4	0.17
592221	Sanpress Inox LF	Sanpress-INOX without thread	23155LFSliding coupling with SC 42 E 1 9	Sliding coupling with SC	23155LF	42	666194	261.3	0.26
592231	Sanpress Inox LF	Sanpress-INOX without thread	23155LFSliding coupling with SC 54 E 1 9	Sliding coupling with SC	23155LF	54	666200	376.7	0.38
592251	Sanpress Inox LF	Sanpress Inox XL	23155LFSliding coupling with SC 76.1 E 1 9	Sliding coupling with SC	23155LF	76.1	666217	622.5	0.62
592261	Sanpress Inox LF	Sanpress Inox XL	23155LFSliding coupling with SC 88.9 E 1 9	Sliding coupling with SC	23155LF	88.9	666231	706.4	0.71
592271	Sanpress Inox LF	Sanpress Inox XL	23155LFSliding coupling with SC 108.0 E 1 9	Sliding coupling with SC	23155LF	108.0	666224	975.1	0.98

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
592281	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 18x15 E 1 9	Reducer with SC	23151LF	18 X 15	666279	39.2	0.04
592291	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 22x15 E 1 9	Reducer with SC	23151LF	22 X 15	666286	45	0.05
592301	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 22x18 E 1 9	Reducer with SC	23151LF	22 X 18	666262	51	0.05
592311	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 28x15 E 1 9	Reducer with SC	23151LF	28 X 15	666309	57.5	0.06
592321	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 28x18 E 1 9	Reducer with SC	23151LF	28 X 18	666293	58	0.06
592331	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 28x22 E 1 9	Reducer with SC	23151LF	28 X 22	666255	71.1	0.07
592341	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 35x18 E 1 9	Reducer with SC	23151LF	35 X 18	666385	84.6	0.08
592351	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 35x22 E 1 9	Reducer with SC	23151LF	35 X 22	666392	83.9	0.08
592361	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 35x28 E 1 9	Reducer with SC	23151LF	35 X 28	666316	90.8	0.09
592371	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 42x22 E 1 9	Reducer with SC	23151LF	42 X 22	666378	122	0.12
592381	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 42x28 E 1 9	Reducer with SC	23151LF	42 X 28	666323	120	0.12
592391	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 42x35 E 1 9	Reducer with SC	23151LF	42 X 35	666354	125.5	0.13
592401	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 54x28 E 1 9	Reducer with SC	23151LF	54 X 28	666361	170.3	0.17
592411	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 54x35 E 1 9	Reducer with SC	23151LF	54 X 35	666330	172.6	0.17
592421	Sanpress Inox LF	Sanpress-INOX without thread	23151LFReducer with SC 54x42 E 1 9	Reducer with SC	23151LF	54 X 42	666347	215	0.22
592441	Sanpress Inox LF	Sanpress Inox XL	23151LFReducer with SC 76.1x54 E 1 9	Reducer with SC	23151LF	76.1 X 54	666408	400	0.40
592461	Sanpress Inox LF	Sanpress Inox XL	23151LFReducer with SC 88.9x54 E 1 9	Reducer with SC	23151LF	88.9 X 54	666415	476	0.48
592481	Sanpress Inox LF	Sanpress Inox XL	23151LFReducer with SC 88.9x76.1 E 1 9	Reducer with SC	23151LF	88.9 X 76.1	666422	600	0.60
592491	Sanpress Inox LF	Sanpress Inox XL	23151LFReducer with SC 108.0x54 E 1 9	Reducer with SC	23151LF	108.0 X 54	666453	650.9	0.65
592511	Sanpress Inox LF	Sanpress Inox XL	23151LFReducer with SC 108.0x76.1E 1 9	Reducer with SC	23151LF	108.0 X 76.1	666460	792.5	0.79
592521	Sanpress Inox LF	Sanpress Inox XL	23151LFReducer with SC 108.0x88.9E 1 9	Reducer with SC	23151LF	108.0 X 88.9	666439	780	0.78
592531	Sanpress Inox LF	Sanpress-Inox without thread	2360LF Union with SC 15 E 1 9	Union with SC	2360LF	15	666538	159.8	0.16
592541	Sanpress Inox LF	Sanpress-Inox without thread	2360LF Union with SC 18 E 1 9	Union with SC	2360LF	18	666521	150.7	0.15
592551	Sanpress Inox LF	Sanpress-Inox without thread	2360LF Union with SC 22 E 1 9	Union with SC	2360LF	22	666507	218.4	0.22
592561	Sanpress Inox LF	Sanpress-Inox without thread	2360LF Union with SC 28 E 1 9	Union with SC	2360LF	28	666514	388.8	0.39

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
592571	Sanpress Inox LF	Sanpress-Inox without thread	2360LF Union with SC 35 E 1 9	Union with SC	2360LF	35	666545	485.3	0.49
592581	Sanpress Inox LF	Sanpress-Inox without thread	2360LF Union with SC 42 E 1 9	Union with SC	2360LF	42	666552	679.4	0.68
592591	Sanpress Inox LF	Sanpress-Inox without thread	2360LF Union with SC 54 E 1 9	Union with SC	2360LF	54	666569	1129	1.13
592601	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 15x1/2 E 1 9	Union with SC	2365LF	15 X 1/2	666590	132.5	0.13
592611	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 15x3/4 E 1 9	Union with SC	2365LF	15 X 3/4	666668	135.4	0.14
592621	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 18x1/2 E 1 9	Union with SC	2365LF	18 X 1/2	666606	134.3	0.13
592631	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 22x1/2 E 1 9	Union with SC	2365LF	22 X 1/2	666613	147.3	0.15
592641	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 22x3/4 E 1 9	Union with SC	2365LF	22 X 3/4	666583	149.3	0.15
592651	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 28x3/4 E 1 9	Union with SC	2365LF	28 X 3/4	666620	223.5	0.22
592661	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 28x1 E 1 9	Union with SC	2365LF	28 X 1	666576	247.7	0.25
592671	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 35x11/4 E 1 9	Union with SC	2365LF	35 X 1 1/4	666637	429	0.43
592681	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 42x11/2 E 1 9	Union with SC	2365LF	42 X 1 1/2	666644	581.1	0.58
592691	Sanpress Inox LF	Sanpress-Inox without thread	2365LF Union with SC 54x2 E 1 9	Union with SC	2365LF	54 X 2	666651	1064.5	1.06
592701	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 15x1/2 E 1 9	Union with SC	2363LF	15 X 1/2	666736	56.2	0.06
592711	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 15x3/4 E 1 9	Union with SC	2363LF	15 X 3/4	666675	73.4	0.07
592721	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 18x1/2 E 1 9	Union with SC	2363LF	18 X 1/2	666743	63.7	0.06
592731	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 18x3/4 E 1 9	Union with SC	2363LF	18 X 3/4	666699	72.3	0.07
592741	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 22x3/4 E 1 9	Union with SC	2363LF	22 X 3/4	666729	86	0.09
592751	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 22x1 E 1 9	Union with SC	2363LF	22 X 1	666682	108.6	0.11
592761	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 28x1 E 1 9	Union with SC	2363LF	28 X 1	666712	126.9	0.13
592771	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 28x11/4 E 1 9	Union with SC	2363LF	28 X 1 1/4	666705	151	0.15
592781	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 35x11/2 E 1 9	Union with SC	2363LF	35 X 1 1/2	666750	201.9	0.20
592791	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 42x13/4 E 1 9	Union with SC	2363LF	42 X 1 3/4	666767	303.5	0.30
592801	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 42x2 E 1 9	Union with SC	2363LF	42 X 2	666781	347.4	0.35
592811	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 54x23/8 E 1 9	Union with SC	2363LF	54 X 2 3/8	666774	537.7	0.54

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
592821	Sanpress Inox LF	Sanpress-Inox without thread	2363LF Union with SC 54x21/2 E 1 9	Union with SC	2363LF	54 X 2 1/2	666798	652.1	0.65
592831	Sanpress Inox LF	Sanpress-INOX without thread	2356LF Cap with SC 15 E 1 9	Cap with SC	2356LF	15	666811	25.5	0.03
592841	Sanpress Inox LF	Sanpress-INOX without thread	2356LF Cap with SC 18 E 1 9	Cap with SC	2356LF	18	666835	30.6	0.03
592851	Sanpress Inox LF	Sanpress-INOX without thread	2356LF Cap with SC 22 E 1 9	Cap with SC	2356LF	22	666804	41.6	0.04
592861	Sanpress Inox LF	Sanpress-INOX without thread	2356LF Cap with SC 28 E 1 9	Cap with SC	2356LF	28	666828	54.1	0.05
592871	Sanpress Inox LF	Sanpress-INOX without thread	2356LF Cap with SC 35 E 1 9	Cap with SC	2356LF	35	666866	70.5	0.07
592881	Sanpress Inox LF	Sanpress-INOX without thread	2356LF Cap with SC 42 E 1 9	Cap with SC	2356LF	42	666842	116.8	0.12
592891	Sanpress Inox LF	Sanpress-INOX without thread	2356LF Cap with SC 54 E 1 9	Cap with SC	2356LF	54	666859	154.3	0.15
592901	Sanpress Inox LF	Sanpress Inox XL	2356LF Cap with SC 64.0x3/4 E 1 9	Cap with SC	2356LF	64.0 X 3/4	666897	364.6	0.36
592911	Sanpress Inox LF	Sanpress Inox XL	2356LF Cap with SC 76.1x3/4 E 1 9	Cap with SC	2356LF	76.1 X 3/4	666873	475.5	0.48
592921	Sanpress Inox LF	Sanpress Inox XL	2356LF Cap with SC 88.9x3/4 E 1 9	Cap with SC	2356LF	88.9 X 3/4	666880	547	0.55
592931	Sanpress Inox LF	Sanpress Inox XL	2356LF Cap with SC 108.0x3/4 E 1 9	Cap with SC	2356LF	108.0 X 3/4	666903	758.8	0.76
593001	Sanpress Inox LF	Sanpress-INOX without thread	2359LF Flange adapter with SC 22(DN20) E 1 9	Flange adapter with SC	2359LF	22 (DN20)	666965	835.5	0.84
593011	Sanpress Inox LF	Sanpress-INOX without thread	2359LF Flange adapter with SC 28(DN25) E 1 9	Flange adapter with SC	2359LF	28 (DN25)	666958	1217.2	1.22
593021	Sanpress Inox LF	Sanpress-INOX without thread	2359LF Flange adapter with SC 35(DN32) E 1 9	Flange adapter with SC	2359LF	35 (DN32)	667016	1407.5	1.41
593031	Sanpress Inox LF	Sanpress-INOX without thread	2359LF Flange adapter with SC 42(DN40) E 1 9	Flange adapter with SC	2359LF	42 (DN40)	667009	2189.7	2.19
593041	Sanpress Inox LF	Sanpress-INOX without thread	2359LF Flange adapter with SC 54(DN50) E 1 9	Flange adapter with SC	2359LF	54 (DN50)	666996	2490	2.49
593061	Sanpress Inox LF	Sanpress Inox XL	2359LF Flange adapter with SC 76.1(DN65)E 1 9	Flange adapter with SC	2359LF	76.1 (DN65)	667047	2790	2.79
593071	Sanpress Inox LF	Sanpress Inox XL	2359LF Flange adapter with SC 88.9(DN80)E 1 9	Flange adapter with SC	2359LF	88.9 (DN80)	667023	3660	3.66
593081	Sanpress Inox LF	Sanpress Inox XL	2359LF Flange adapter with SC 108.0(DN10E 1 9	Flange adapter with SC	2359LF	108.0 (DN100)	667030	4345	4.35
593091	Sanpress Inox LF	Sanpress-Inox without thread	23255LFWall plate with SC 15x1/2 E 1 9	Wall plate with SC	23255LF	15 X 1/2	667061	106.7	0.11
593101	Sanpress Inox LF	Sanpress-Inox without thread	23255LFWall plate with SC 18x1/2 E 1 9	Wall plate with SC	23255LF	18 X 1/2	667078	110	0.11
593111	Sanpress Inox LF	Sanpress-Inox without thread	23255LFWall plate with SC 22x1/2 E 1 9	Wall plate with SC	23255LF	22 X 1/2	667092	125	0.13
593121	Sanpress Inox LF	Sanpress-Inox without thread	23255LFWall plate with SC 22x3/4 E 1 9	Wall plate with SC	23255LF	22 X 3/4	667085	158.4	0.16
593131	Sanpress Inox LF	Sanpress-Inox without thread	23255LFWall plate with SC 28x1 E 1 9	Wall plate with SC	23255LF	28 X 1	667108	259.5	0.26

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
593351	Sanpress Inox LF	Sanpress-INOX without thread	2316LF Elbow 90°with SC 15 E 1 9	Elbow 90°with SC	2316LF	15	664 664	46.6	0.05
593361	Sanpress Inox LF	Sanpress-INOX without thread	2316LF Elbow 90°with SC 18 E 1 9	Elbow 90°with SC	2316LF	18	664671	57.91	0.06
593371	Sanpress Inox LF	Sanpress-INOX without thread	2316LF Elbow 90°with SC 22 E 1 9	Elbow 90°with SC	2316LF	22	664 756	86.28	0.09
593381	Sanpress Inox LF	Sanpress-INOX without thread	2316LF Elbow 90°with SC 28 E 1 9	Elbow 90°with SC	2316LF	28	664046	121	0.12
593391	Sanpress Inox LF	Sanpress-INOX without thread	2316LF Elbow 90°with SC 35 E 1 9	Elbow 90°with SC	2316LF	35	664 695	152.5	0.15
593401	Sanpress Inox LF	Sanpress-INOX without thread	2316LF Elbow 90°with SC 42 E 1 9	Elbow 90°with SC	2316LF	42	664701	305.4	0.31
593411	Sanpress Inox LF	Sanpress-INOX without thread	2316LF Elbow 90°with SC 54 E 1 9	Elbow 90°with SC	2316LF	54	664 688	438	0.44
593431	Sanpress Inox LF	Sanpress Inox XL	2316LF Elbow with SC 76.1 E 1 9	Elbow with SC	2316LF	76.1	664718	1120	1.12
593441	Sanpress Inox LF	Sanpress Inox XL	2316LF Elbow with SC 88.9 E 1 9	Elbow with SC	2316LF	88.9	664725	1388.3	1.39
593451	Sanpress Inox LF	Sanpress Inox XL	2316LF Elbow with SC 108.0 E 1 9	Elbow with SC	2316LF	108.0	664732	2062.8	2.06
593461	Sanpress Inox LF	Sanpress-INOX without thread	23161LFElbow 90°with SC 15 E 1 9	Elbow 90°with SC	23161LF	15	66 4770	44.5	0.04
593471	Sanpress Inox LF	Sanpress-INOX without thread	23161LFElbow 90°with SC 18 E 1 9	Elbow 90°with SC	23161LF	18	664794	54.8	0.05
593481	Sanpress Inox LF	Sanpress-INOX without thread	23161LFElbow 90°with SC 22 E 1 9	Elbow 90°with SC	23161LF	22	66 4763	80.38	0.08
593491	Sanpress Inox LF	Sanpress-INOX without thread	23161LFElbow 90°with SC 28 E 1 9	Elbow 90°with SC	23161LF	28	664787	113	0.11
593501	Sanpress Inox LF	Sanpress-INOX without thread	23161LFElbow 90°with SC 35 E 1 9	Elbow 90°with SC	23161LF	35	66 4800	146.88	0.15
593511	Sanpress Inox LF	Sanpress-INOX without thread	23161LFElbow 90°with SC 42 E 1 9	Elbow 90°with SC	23161LF	42	664824	295.2	0.30
593521	Sanpress Inox LF	Sanpress-INOX without thread	23161LFElbow 90°with SC 54 E 1 9	Elbow 90°with SC	23161LF	54	66 4817	438	0.44
593541	Sanpress Inox LF	Sanpress Inox XL	23161LFElbow with SC 76.1 E 1 9	Elbow with SC	23161LF	76.1	664831	1040	1.04
593551	Sanpress Inox LF	Sanpress Inox XL	23161LFElbow with SC 88.9 E 1 9	Elbow with SC	23161LF	88.9	664848	1290	1.29
593561	Sanpress Inox LF	Sanpress Inox XL	23161LFElbow with SC 108.0 E 1 9	Elbow with SC	23161LF	108.0	664855	1890	1.89
593571	Sanpress Inox LF	Sanpress-INOX without thread	2326LF Elbow 45°with SC 15 E 1 9	Elbow 45°with SC	2326LF	15	664 879	41.1	0.04
593581	Sanpress Inox LF	Sanpress-INOX without thread	2326LF Elbow 45°with SC 18 E 1 9	Elbow 45°with SC	2326LF	18	664893	49.6	0.05
593591	Sanpress Inox LF	Sanpress-INOX without thread	2326LF Elbow 45°with SC 22 E 1 9	Elbow 45°with SC	2326LF	22	663 124	72.1	0.07
593601	Sanpress Inox LF	Sanpress-INOX without thread	2326LF Elbow 45°with SC 28 E 1 9	Elbow 45°with SC	2326LF	28	664886	98.1	0.10
593611	Sanpress Inox LF	Sanpress-INOX without thread	2326LF Elbow 45°with SC 35 E 1 9	Elbow 45°with SC	2326LF	35	664 909	124.8	0.12

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
593621	Sanpress Inox LF	Sanpress-INOX without thread	2326LF Elbow 45°with SC 42 E 1 9	Elbow 45°with SC	2326LF	42	664916	235	0.24
593631	Sanpress Inox LF	Sanpress-INOX without thread	2326LF Elbow 45°with SC 54 E 1 9	Elbow 45°with SC	2326LF	54	664 923	325	0.33
593651	Sanpress Inox LF	Sanpress Inox XL	2326LF Elbow 45°with SC 76.1 E 1 9	Elbow 45°with SC	2326LF	76.1	664930	813	0.81
593661	Sanpress Inox LF	Sanpress Inox XL	2326LF Elbow 45°with SC 88.9 E 1 9	Elbow 45°with SC	2326LF	88.9	664954	1020	1 .02
593681	Sanpress Inox LF	Sanpress-INOX without thread	23261LFElbow 45°with SC 15 E 1 9	Elbow 45°with SC	23261LF	15	664978	37.1	0.04
593691	Sanpress Inox LF	Sanpress-INOX without thread	23261LFElbow 45°with SC 18 E 1 9	Elbow 45°with SC	23261LF	18	66 5005	45.5	0.05
593701	Sanpress Inox LF	Sanpress-INOX without thread	23261LFElbow 45°with SC 22 E 1 9	Elbow 45°with SC	23261LF	22	664985	65.7	0.07
593711	Sanpress Inox LF	Sanpress-INOX without thread	23261LFElbow 45°with SC 28 E 1 9	Elbow 45°with SC	23261LF	28	66 4992	91	0.09
593721	Sanpress Inox LF	Sanpress-INOX without thread	23261LFElbow 45°with SC 35 E 1 9	Elbow 45°with SC	23261LF	35	665012	116.7	0.12
593731	Sanpress Inox LF	Sanpress-INOX without thread	23261LFElbow 45°with SC 42 E 1 9	Elbow 45°with SC	23261LF	42	66 5036	217	0.22
593741	Sanpress Inox LF	Sanpress-INOX without thread	23261LFElbow 45°with SC 54 E 1 9	Elbow 45°with SC	23261LF	54	665029	311	0.31
593761	Sanpress Inox LF	Sanpress Inox XL	23261LFElbow 45°with SC 76.1 E 1 9	Elbow 45°with SC	23261LF	76.1	665043	781.1	0.78
593771	Sanpress Inox LF	Sanpress Inox XL	23261LFElbow 45°with SC 88.9 E 1 9	Elbow 45°with SC	23261LF	88.9	665050	952	0.95
593781	Sanpress Inox LF	Sanpress Inox XL	23261LFElbow 45°with SC 108.0 E 1 9	Elbow 45°with SC	23261LF	108.0	665067	1339	1.34
593791	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 15 E 1 9	Tee with SC	2318LF	15	665104	73	0.07
593801	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 18x15x18 E 1 9	Tee with SC	2318LF	18 X 15 X 18	665159	88.4	0.09
593811	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 18 E 1 9	Tee with SC	2318LF	18	665142	88.4	0.09
593821	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 22x15x22 E 1 9	Tee with SC	2318LF	22 X 15 X 22	665135	113.6	0.11
593831	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 22x18x22 E 1 9	Tee with SC	2318LF	22 X 18 X 22	665166	117.1	0.12
593841	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 22 E 1 9	Tee with SC	2318LF	22	665111	128	0.13
593851	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 28x15x28 E 1 9	Tee with SC	2318LF	28 X 15 X 28	665173	134.6	0.13
593861	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 28x18x28 E 1 9	Tee with SC	2318LF	28 X 18 X 28	665180	134.5	0.13
593871	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 28x22x22 E 1 9	Tee with SC	2318LF	28 X 22 X 22	665197	168.3	0.17
593881	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 28 E 1 9	Tee with SC	2318LF	28	665128	164.5	0.16
593891	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 35x18x35 E 1 9	Tee with SC	2318LF	35 X 18 X 35	665319	159.6	0.16

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
593901	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 35x22x35 E 1 9	Tee with SC	2318LF	35 X 22 X 35	665227	175	0.18
593911	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 35x28x35 E 1 9	Tee with SC	2318LF	35 X 28 X 35	665241	195.5	0.20
593921	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 35 E 1 9	Tee with SC	2318LF	35	665203	198	0.20
593931	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 42x18x42 E 1 9	Tee with SC	2318LF	42 X 18 X 42	665333	252	0.25
593941	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 42x22x42 E 1 9	Tee with SC	2318LF	42 X 22 X 42	665289	260	0.26
593951	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 42x28x42 E 1 9	Tee with SC	2318LF	42 X 28 X 42	665258	288	0.29
593961	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 42x35x42 E 1 9	Tee with SC	2318LF	42 X 35 X 42	665302	291	0.29
593971	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 42 E 1 9	Tee with SC	2318LF	42	665234	360	0.36
593981	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 54x22x54 E 1 9	Tee with SC	2318LF	54 X 22 X 54	665272	324	0.32
593991	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 54x28x54 E 1 9	Tee with SC	2318LF	54 X 28 X 54	665265	350	0.35
594001	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 54x35x54 E 1 9	Tee with SC	2318LF	54 X 35 X 54	665296	373	0.37
594011	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 54x42x54 E 1 9	Tee with SC	2318LF	54 X 42 X 54	665326	426	0.43
594021	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 54 E 1 9	Tee with SC	2318LF	54	665210	495	0.50
594091	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 76.1x22x76.1 E 1 9	Tee with SC	2318LF	76.1 X 22 X 76.1	665425	724.4	0.72
594101	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 76.1x28x76.1 E 1 9	Tee with SC	2318LF	76.1 X 28 X 76.1	665418	732	0.73
594111	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 76.1x35x76.1 E 1 9	Tee with SC	2318LF	76.1 X 35 X 76.1	665395	777.6	0.78
594121	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 76.1x42x76.1 E 1 9	Tee with SC	2318LF	76.1 X 42 X 76.1	665449	852.9	0.85
594131	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 76.1x54x76.1 E 1 9	Tee with SC	2318LF	76.1 X 54 X 76.1	665371	920	0.92
594151	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 76.1 E 1 9	Tee with SC	2318LF	76.1	665340	1137	1.14
594181	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 88.9x35x88.9 E 1 9	Tee with SC	2318LF	88.9 X 35 X 88.9	665470	911.6	0.91
594201	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 88.9x54x88.9 E 1 9	Tee with SC	2318LF	88.9 X 54 X 88.9	665364	1071.5	1.07
594221	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 88.9x76.1x88.9E 1 9	Tee with SC	2318LF	88.9 X 76.1 X 88.9	665463	1284.5	1.28
594231	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 88.9 E 1 9	Tee with SC	2318LF	88.9	665357	1363	1.36
594261	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 108.0x35x108.0E 1 9	Tee with SC	2318LF	108.0 X 35 X 108.0	665562	1185	1.19
594321	Sanpress Inox LF	Sanpress Inox XL	2318LF Tee with SC 108.0 E 1 9	Tee with SC	2318LF	108.0	665388	1950.4	1.95

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
594331	Sanpress Inox LF	Sanpress-Inox without thread	23172LFTee with SC 15x1/2x15 E 1 9	Tee with SC	23172LF	15 X 1/2 X 15	665661	80	0.08
594341	Sanpress Inox LF	Sanpress-Inox without thread	23172LFTee with SC 18x1/2x18 E 1 9	Tee with SC	23172LF	18 X 1/2 X 18	665678	95	0.10
594351	Sanpress Inox LF	Sanpress-Inox without thread	23172LFTee with SC 18x3/4x18 E 1 9	Tee with SC	23172LF	18 X 3/4 X 18	665692	120	0.12
594361	Sanpress Inox LF	Sanpress-Inox without thread	23172LFTee with SC 22x1/2x22 E 1 9	Tee with SC	23172LF	22 X 1/2 X 22	665647	116.4	0.12
594371	Sanpress Inox LF	Sanpress-Inox without thread	23172LFTee with SC 28x1/2x28 E 1 9	Tee with SC	23172LF	28 X 1/2 X 28	665654	134.5	0.13
594381	Sanpress Inox LF	Sanpress-Inox without thread	23172LFTee with SC 28x1x28 E 1 9	Tee with SC	23172LF	28 X 1 X 28	665685	170	0.17
594391	Sanpress Inox LF	Sanpress-Inox without thread	23172LFTee with SC 35x1/2x35 E 1 9	Tee with SC	23172LF	35 X 1/2 X 35	665708	166.3	0.17
594401	Sanpress Inox LF	Sanpress-Inox without thread	23172LFTee with SC 42x1/2x42 E 1 9	Tee with SC	23172LF	42 X 1/2 X 42	665715	249	0.25
594411	Sanpress Inox LF	Sanpress-Inox without thread	23172LFTee with SC 54x1/2x54 E 1 9	Tee with SC	23172LF	54 X 1/2 X 54	665722	313	0.31
594431	Sanpress Inox LF	Sanpress Inox XL	23172LFTee with SC 76.1x3/4x76.1 E 1 9	Tee with SC	23172LF	76.1 X 3/4 X 76.1	665739	723	0.72
594441	Sanpress Inox LF	Sanpress Inox XL	23172LFTee with SC 88.9x3/4x88.9 E 1 9	Tee with SC	23172LF	88.9 X 3/4 X 88.9	665746	858.2	0.86
594451	Sanpress Inox LF	Sanpress Inox XL	23172LFTee with SC 108.0x3/4x108.E 1 9	Tee with SC	23172LF	108.0 X3/4 X108.0	665753	1122.8	1.12
599231	Sanpress Inox LF	Sanpress-INOX without thread	2318LF Tee with SC 28x22x28 E 1 9	Tee with SC	2318LF	28 X 22 X 28	752132	149.8	0.15
630441	Sanpress Inox	Sanpress Inox XL	6015XL Coupling 21/2 ED1 9	Coupling	6015XL	2 1/2	852973	497	0.50
630451	Sanpress Inox	Sanpress Inox XL	6015XL Coupling 3 ED1 9	Coupling	6015XL	3	853024	633.5	0.63
630461	Sanpress Inox	Sanpress Inox XL	6015XL Coupling 4 ED1 9	Coupling	6015XL	4	853079	969	0.97
630471	Sanpress Inox	Sanpress Inox XL	60155XLSliding coupling 21/2 ED1 9	Sliding coupling	60155XL	2 1/2	853420	493	0.49
630481	Sanpress Inox	Sanpress Inox XL	60155XLSliding coupling 3 ED1 9	Sliding coupling	60155XL	3	853475	640	0.64
630491	Sanpress Inox	Sanpress Inox XL	60155XLSliding coupling 4 ED1 9	Sliding coupling	60155XL	4	853529	980	0.98
630501	Sanpress Inox	Sanpress Inox XL	6059XL Flange adapter 21/2 ED1 9	Flange adapter	6059XL	2 1/2	860671	3988	3.99
630511	Sanpress Inox	Sanpress Inox XL	6059XL Flange adapter 3 ED1 9	Flange adapter	6059XL	3	860725	3476	3.48
630521	Sanpress Inox	Sanpress Inox XL	6059XL Flange adapter 4 ED1 9	Flange adapter	6059XL	4	860770	5000	5.00
630531	Sanpress Inox	Sanpress Inox XL	6011XL Adapter with SC 21/2 ED1 9	Adapter	6011XL	2 1/2	850627	923	0.92
630541	Sanpress Inox	Sanpress Inox XL	6011XL Adapter with SC 3 ED1 9	Adapter	6011XL	3	850672	1290	1.29
630551	Sanpress Inox	Sanpress Inox XL	6011XL Adapter with SC 4 ED1 9	Adapter	6011XL	4	850726	1800	1.80
630561	Sanpress Inox	Sanpress Inox XL	6016XL Elbow 21/2 ED1 9	Elbow	6016XL	2 1/2	854328	836	0.84
630571	Sanpress Inox	Sanpress Inox XL	6016XL Elbow 3 ED1 9	Elbow	6016XL	3	854373	1134	1.13

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
630581	Sanpress Inox	Sanpress Inox XL	6016XL Elbow 4 ED1 9	Elbow	6016XL	4	854427	1890	1.89
630591	Sanpress Inox	Sanpress Inox XL	60161XLElbow 21/2 ED1 9	Elbow	60161XL	2 1/2	855226	766	0.77
630601	Sanpress Inox	Sanpress Inox XL	60161XLElbow 3 ED1 9	Elbow	60161XL	3	855271	1058	1.06
630611	Sanpress Inox	Sanpress Inox XL	60161XLElbow 4 ED1 9	Elbow	60161XL	4	855325	1737	1.74
630621	Sanpress Inox	Sanpress Inox XL	6018XL Tee 21/2 ED1 9	Tee	6018XL	2 1/2	856124	935	0.94
630631	Sanpress Inox	Sanpress Inox XL	6018XL Tee 3 ED1 9	Tee	6018XL	3	856179	1221	1.22
630641	Sanpress Inox	Sanpress Inox XL	6018XL Tee 4 ED1 9	Tee	6018XL	4	856223	1906	1.91
630651	Sanpress Inox	Sanpress Inox XL	6018XL Tee 21/2x21/2x2 ED1 9	Tee	6018XL	2 1/2 X 2 1/2 X 2	859040	787	0.79
630661	Sanpress Inox	Sanpress Inox XL	6018XL Tee 3x3x2 ED1 9	Tee	6018XL	3 X 3 X 2	859057	957	0.96
630671	Sanpress Inox	Sanpress Inox XL	6018XL Tee 3x3x21/2 ED1 9	Tee	6018XL	3 X 3 X 2 1/2	859149	1120	1.12
630681	Sanpress Inox	Sanpress Inox XL	6018XL Tee 4x4x2 ED1 9	Tee	6018XL	4 X 4 X 2	859156	1366	1.37
630691	Sanpress Inox	Sanpress Inox XL	6018XL Tee 4x4x21/2 ED1 9	Tee	6018XL	4 X 4 X 2 1/2	859248	1552	1.55
630701	Sanpress Inox	Sanpress Inox XL	6018XL Tee 4x4x3 ED1 9	Tee	6018XL	4 X 4 X 3	859255	1670	1.67
630711	Sanpress Inox	Sanpress Inox XL	6018XL Tee 21/2x21/2x11/2 ED1 9	Tee	6018XL	21/2 X 21/2 X 11/2	859347	716	0.72
630721	Sanpress Inox	Sanpress Inox XL	6018XL Tee 3x3x11/2 ED1 9	Tee	6018XL	3 X 3 X 1 1/2	859354	885	0.89
630731	Sanpress Inox	Sanpress Inox XL	6018XL Tee 3x3x11/4 ED1 9	Tee	6018XL	3 X 3 X 1 1/4	859446	829	0.83
630741	Sanpress Inox	Sanpress Inox XL	6018XL Tee 4x4x11/2 ED1 9	Tee	6018XL	4 X 4 X 1 1/2	859453	1280	1.28
630761	Sanpress Inox	Sanpress Inox XL	6018XL Tee 21/2x2x11/2 ED1 9	Tee	6018XL	2 1/2 X 2 X 1 1/2	859552	696	0.70
630771	Sanpress Inox	Sanpress Inox XL	60172XLTee 21/2x21/2x3/4 ED1 9	Tee	60172XL	21/2 X 21/2 X 3/4	859521	632	0.63
630781	Sanpress Inox	Sanpress Inox XL	60172XLTee 21/2x21/2x1 ED1 9	Tee	60172XL	2 1/2 X 2 1/2 X 1	859620	719	0.72
630791	Sanpress Inox	Sanpress Inox XL	60172XLTee 3x3x3/4 ED1 9	Tee	60172XL	3 X 3 X 3/4	859729	794	0.79
630801	Sanpress Inox	Sanpress Inox XL	60172XLTee 3x3x1 ED1 9	Tee	60172XL	3 X 3 X 1	859828	876	0.88
630811	Sanpress Inox	Sanpress Inox XL	60172XLTee 4x4x3/4 ED1 9	Tee	60172XL	4 X 4 X 3/4	859927	1160	1.16
630821	Sanpress Inox	Sanpress Inox XL	60172XLTee 4x4x1 ED1 9	Tee	60172XL	4 X 4 X 1	860022	1236	1.24
630831	Sanpress Inox	Sanpress Inox XL	6026XL Elbow 21/2 ED1 9	Elbow	6026XL	2 1/2	854779	656	0.66
630841	Sanpress Inox	Sanpress Inox XL	6026XL Elbow 3 ED1 9	Elbow	6026XL	3	854823	868	0.87
630851	Sanpress Inox	Sanpress Inox XL	6026XL Elbow 4 ED1 9	Elbow	6026XL	4	854878	1347	1.35
630861	Sanpress Inox	Sanpress Inox XL	60261XLElbow 21/2 ED1 9	Elbow	60261XL	2 1/2	855677	608	0.61
630871	Sanpress Inox	Sanpress Inox XL	60261XLElbow 3 ED1 9	Elbow	60261XL	3	855721	810	0.81
630881	Sanpress Inox	Sanpress Inox XL	60261XLElbow 4 ED1 9	Elbow	60261XL	4	855776	1292	1.29

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
630891	Sanpress Inox	Sanpress Inox XL	60151XLReducer 21/2x2 ED1 9	Reducer	60151XL	2 1/2 X 2	852379	347	0.35
630901	Sanpress Inox	Sanpress Inox XL	60151XLReducer 3x2 ED1 9	Reducer	60151XL	3 X 2	852423	440	0.44
630911	Sanpress Inox	Sanpress Inox XL	60151XLReducer 3x21/2 ED1 9	Reducer	60151XL	3 X 2 1/2	852478	523	0.52
630921	Sanpress Inox	Sanpress Inox XL	60151XLReducer 4x2 ED1 9	Reducer	60151XL	4 X 2	852522	657	0.66
630931	Sanpress Inox	Sanpress Inox XL	60151XLReducer 4x21/2 ED1 9	Reducer	60151XL	4 X 2 1/2	852577	729	0.73
630941	Sanpress Inox	Sanpress Inox XL	60151XLReducer 4x3 ED1 9	Reducer	60151XL	4 X 3	852621	759	0.76
630951	Sanpress Inox	Sanpress Inox XL	60561XLCap 21/2 ED1 9	Cap	60561XL	2 1/2	853871	357	0.36
630961	Sanpress Inox	Sanpress Inox XL	60561XLCap 3 ED1 9	Cap	60561XL	3	853925	457	0.46
630971	Sanpress Inox	Sanpress Inox XL	60561XLCap 4 ED1 9	Cap	60561XL	4	853970	738	0.74
631201	Sanpress Inox	Sanpress-Inox with thread	6059 Flange adapter with SC 1/2 ED1 9	Flange adapter with SC	6059	1/2	860824	518	0.52
631211	Sanpress Inox	Sanpress-Inox with thread	6059 Flange adapter with SC 3/4 ED1 9	Flange adapter with SC	6059	3/4	860879	814.1	0.81
631221	Sanpress Inox	Sanpress-Inox with thread	6059 Flange adapter with SC 1 ED1 9	Flange adapter with SC	6059	1	860923	860	0.86
631231	Sanpress Inox	Sanpress-Inox with thread	6059 Flange adapter with SC 11/4 ED1 9	Flange adapter with SC	6059	1 1/4	860978	1002	1.00
631241	Sanpress Inox	Sanpress-Inox with thread	6059 Flange adapter with SC 11/2 ED1 9	Flange adapter with SC	6059	1 1/2	861029	1234	1.23
631251	Sanpress Inox	Sanpress-Inox with thread	6059 Flange adapter with SC 2 ED1 9	Flange adapter with SC	6059	2	861074	1918	1.92
679181	Sanpress Inox	Sanpress Inox XL	01131XLWelding piece 3x3 ED1 9	Welding piece	01131XL	3 X 3	851457	590	0.59
679191	Sanpress Inox	Sanpress Inox XL	01131XLWelding piece 4x4 ED1 9	Welding piece	01131XL	4 X 4	851556	856	0.86
679201	Sanpress Inox	Sanpress Inox XL	40131XLWelding piece 21/2x21/2 EH1 9	Welding piece	40131XL	2 1/2 X 2 1/2	800813	477	0.48
679211	Sanpress Inox	Sanpress Inox XL	40131XLWelding piece 3x3 EH1 9	Welding piece	40131XL	3 X 3	800820	595	0.60
679221	Sanpress Inox	Sanpress Inox XL	40131XLWelding piece 4x4 EH1 9	Welding piece	40131XL	4 X 4	800837	880	0.88
679271	Sanpress Inox	Sanpress Inox XL	40132XLAdapter with SC 3x3 EH1 9	Adapter	40132XL	3 X 3	800615	868	0.87
679281	Sanpress Inox	Sanpress Inox XL	40132XLAdapter with SC 4x4 EH1 9	Adapter	40132XL	4 X 4	800639	1216	1.22
679351	Sanpress Inox	Sanpress-Inox with thread	4067 Insulation union with SC 1/2 E 1 9	Insulation union with SC	4067	1/2	800714	360	0.36
679361	Sanpress Inox	Sanpress-Inox with thread	4067 Insulation union with SC 3/4 E 1 9	Insulation union with SC	4067	3/4	800783	526	0.53
679371	Sanpress Inox	Sanpress-Inox with thread	4067 Insulation union with SC 1 E 1 9	Insulation union with SC	4067	1	800738	476	0.48
704903	Sanpress Inox	Sanpress-INOX without thread	2359NU Flange adapter 54(DN50) E 1 9	Flange adapter	2359NU	54 (DN50)	821067	2705	2.71
705083	Sanpress Inox	Sanpress-INOX without thread	2359NU Flange adapter 42(DN40) E 1 9	Flange adapter	2359NU	42 (DN40)	821241	2245	2.25
742261	Sanpress Inox	Sanpress-Inox with thread	01133 Adapter 3/4PxBW(IPS) E 1 9	Adapter	01133	3/4P X BW (IPS)	860084	80.3	0.08
742271	Sanpress Inox	Sanpress-Inox with thread	01133 Adapter 1PxBW(IPS) E 1 9	Adapter	01133	1P X BW (IPS)	860138	122	0.12
742281	Sanpress Inox	Sanpress-Inox with thread	01133 Adapter 11/2PXBW(IPS) E 1 9	Adapter	01133	1 1/2 P X BW (IPS)	860237	277	0.28

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg
742291	Sanpress Inox	Sanpress-Inox with thread	01133 Adapter 2PXBW(IPS) E 1 9	Adapter	01133	2 P X BW (IPS)	860282	351	0.35

Conversion table for unit weights for pipes

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg/m	Conversion factor
109801	Sanpress Inox	Sanpress-Pipe 1.4521	22053 Sanpress-Pipe 15x1.0x3M(60) E 539	Sanpress-Pipe	22053	15 X 1.0 X3M (60)	751159	338	0.338	0.073
109811	Sanpress Inox	Sanpress-Pipe 1.4521	22053 Sanpress-Pipe 18x1.0x3M(30) E 539	Sanpress-Pipe	22053	18 X 1.0 X3M (30)	751166	411	0.411	0.088
109821	Sanpress Inox	Sanpress-Pipe 1.4521	22053 Sanpress-Pipe 22x1.2x3M(30) E 539	Sanpress-Pipe	22053	22 X 1.2 X3M (30)	751173	603	0.603	0.130
109831	Sanpress Inox	Sanpress-Pipe 1.4521	22053 Sanpress-Pipe 28x1.2x3M(30) E 539	Sanpress-Pipe	22053	28 X 1.2 X3M (30)	751180	778	0.778	0.167
109841	Sanpress Inox	Sanpress-Pipe 1.4521	22053 Sanpress-Pipe 35x1.5x3M(15) E 539	Sanpress-Pipe	22053	35 X 1.5 X3M (15)	751197	1215	1.215	0.261
109851	Sanpress Inox	Sanpress-Pipe 1.4521	22053 Sanpress-Pipe 42x1.5x3M(15) E 539	Sanpress-Pipe	22053	42 X 1.5 X3M (15)	751203	1469	1.469	0.316
109861	Sanpress Inox	Sanpress-Pipe 1.4521	22053 Sanpress-Pipe 54x1.5x3M(15) E 539	Sanpress-Pipe	22053	54 X 1.5 X3M (15)	751210	1872	1.872	0.402
109951	Sanpress Inox	Sanpress-Pipe 1.4521	22053XLSanpress-Pipe 108x2.0x3M(15)E 539	Sanpress-Pipe	22053XL	108 X 2.0 X3M (15)	751258	5028	5.028	1.081
273271	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 18x1.0(240) E 529	Sanpress-Pipe	2203	18 X 1.0 (240)	289034	433	0.433	0.093
273276	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 18x1.0(60) E 529	Sanpress-Pipe	2203	18 X 1.0 (60)	807122	404	0.404	0.087
273431	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 54x1.5(60) E 529	Sanpress-Pipe	2203	54 X 1.5 (60)	193676	1967	1.967	0.423
273436	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 54x1.5(30) E 529	Sanpress-Pipe	2203	54 X 1.5 (30)	807177	1900	1.9	0.408
277050	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 15x1.0(600) E 529	Sanpress-Pipe	2203	15 X 1.0 (600)	102036	342	0.342	0.074
277056	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 15x1.0(120) E 529	Sanpress-Pipe	2203	15 X 1.0 (120)	807115	333	0.333	0.072
277057	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 15x1.0(60) E 529	Sanpress-Pipe	2203	15 X 1.0 (60)	639785	340	0.34	0.073
277060	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 22x1.2(420) E 529	Sanpress-Pipe	2203	22 X 1.2 (420)	102708	624	0.624	0.134
277066	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 22x1.2(60) E 529	Sanpress-Pipe	2203	22 X 1.2 (60)	807139	603	0.603	0.130
277070	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 28x1.2(240) E 529	Sanpress-Pipe	2203	28 X 1.2 (240)	104924	775	0.775	0.167
277076	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 28x1.2(60) E 529	Sanpress-Pipe	2203	28 X 1.2 (60)	807146	775	0.775	0.167
277080	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 35x1.5(180) E 529	Sanpress-Pipe	2203	35 X 1.5 (180)	108588	1255	1.255	0.270
277086	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 35x1.5(30) E 529	Sanpress-Pipe	2203	35 X 1.5 (30)	807153	1200	1.2	0.258
277090	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 42x1.5(120) E 529	Sanpress-Pipe	2203	42 X 1.5 (120)	113001	1518	1.518	0.326
277096	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 42x1.5(30) E 529	Sanpress-Pipe	2203	42 X 1.5 (30)	807160	1518	1.518	0.326
277101	Sanpress Inox	Sanpress-Pipe 1.4401	2203XL Sanpress-Pipe 76.1x2.0(30) E 529	Sanpress-Pipe	2203XL	76.1 X 2.0 (30)	354862	3622	3.622	0.778

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277106	Sanpress Inox	Sanpress-Pipe 1.4401	2203XL Sanpress-Pipe 76.1x2.0(6) E 529	Sanpress-Pipe	2203XL	76.1 X 2.0 (6)	807207	3596	3.596	0.773
277111	Sanpress Inox	Sanpress-Pipe 1.4401	2203XL Sanpress-Pipe 88.9x2.0(30) E 529	Sanpress-Pipe	2203XL	88.9 X 2.0 (30)	354855	4341	4.341	0.933
277116	Sanpress Inox	Sanpress-Pipe 1.4401	2203XL Sanpress-Pipe 88.9x2.0(6) E 529	Sanpress-Pipe	2203XL	88.9 X 2.0 (6)	807214	4244	4.244	0.912
277121	Sanpress Inox	Sanpress-Pipe 1.4401	2203XL Sanpress-Pipe 108.0x2.0(30) E 529	Sanpress-Pipe	2203XL	108.0 X 2.0 (30)	354848	5170	5.17	1.111
277126	Sanpress Inox	Sanpress-Pipe 1.4401	2203XL Sanpress-Pipe 108.0x2.0(6) E 529	Sanpress-Pipe	2203XL	108.0 X 2.0 (6)	807184	5202	5.202	1.118
280441	Sanpress Inox	Sanpress-Pipe 1.4401	2203 Sanpress-Pipe 12x1.0(60) E 529	Sanpress-Pipe	2203	12 X 1.0 (60)	297824	275	0.275	0.059
282123	Sanpress Inox	Sanpress-Pipe 1.4401	2206 Sanpress-Pipe 22x1.2 E FH9	Sanpress-Pipe	2206	22 X 1.2	799366	667	0.667	0.143
282133	Sanpress Inox	Sanpress-Pipe 1.4401	2206 Sanpress-Pipe 28x1.2 E FH9	Sanpress-Pipe	2206	28 X 1.2	799373	850	0.85	0.183
282143	Sanpress Inox	Sanpress-Pipe 1.4401	2206 Sanpress-Pipe 35x1.5 E FH9	Sanpress-Pipe	2206	35 X 1.5	799380	1315	1.315	0.283
282153	Sanpress Inox	Sanpress-Pipe 1.4401	2206 Sanpress-Pipe 42x1.5 E FH9	Sanpress-Pipe	2206	42 X 1.5	799397	1611.11	1.61111	0.346
282163	Sanpress Inox	Sanpress-Pipe 1.4401	2206 Sanpress-Pipe 54x1.5 E FH9	Sanpress-Pipe	2206	54 X 1.5	799403	2029.16	2.02916	0.436
342751	Sanpress Inox	Sanpress-Pipe 1.4401	2203XL Sanpress-Pipe 64.0x2.0(60) E 529	Sanpress-Pipe	2203XL	64.0 X 2.0 (60)	578626	3032	3.032	0.652
342756	Sanpress Inox	Sanpress-Pipe 1.4401	2203XL Sanpress-Pipe 64.0x2.0(6) E 529	Sanpress-Pipe	2203XL	64.0 X 2.0 (6)	807191	3030	3.03	0.651
365301	Sanpress Inox	Sanpress-Pipe 1.4301	0103 Pipe 1/2 E 1 9	Pipe	103	01. Feb	870007	556.84	0.55684	0.120
365311	Sanpress Inox	Sanpress-Pipe 1.4301	0103 Pipe 3/4 E 1 9	Pipe	103	03. Apr	870052	803.59	0.80359	0.173
365321	Sanpress Inox	Sanpress-Pipe 1.4301	0103 Pipe 1 E 1 9	Pipe	103	1	870106	1050.34	1.05034	0.226
365331	Sanpress Inox	Sanpress-Pipe 1.4301	0103 Pipe 11/4 E 1 9	Pipe	103	1 1/4	870151	1299.81	1.29981	0.279
365341	Sanpress Inox	Sanpress-Pipe 1.4301	0103 Pipe 11/2 E 1 9	Pipe	103	1 1/2	870205	1543.8	1.5438	0.332
365351	Sanpress Inox	Sanpress-Pipe 1.4301	0103 Pipe 2 E 1 9	Pipe	103	2	870250	2038.12	2.03812	0.438
365981	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 12x1.0(60) E 539	Sanpress-Pipe	2205	12 X 1.0 (60)	615987	266	0.266	0.057
365991	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 15x1.0(600) E 539	Sanpress-Pipe	2205	15 X 1.0 (600)	615994	330	0.33	0.071
365996	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 15x1.0(120) E 539	Sanpress-Pipe	2205	15 X 1.0 (120)	807351	330	0.33	0.071
365997	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 15x1.0(60) E 539	Sanpress-Pipe	2205	15 X 1.0 (60)	639174	338	0.338	0.073
366001	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 18x1.0(240) E 539	Sanpress-Pipe	2205	18 X 1.0 (240)	616007	402	0.402	0.086
366006	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 18x1.0(60) E 539	Sanpress-Pipe	2205	18 X 1.0 (60)	807368	405	0.405	0.087

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366007	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 18x1.0(30) E 539	Sanpress-Pipe	2205	18 X 1.0 (30)	649180	397	0.397	0.085
366011	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 22x1.2(420) E 539	Sanpress-Pipe	2205	22 X 1.2 (420)	616014	604	0.604	0.130
366016	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 22x1.2(60) E 539	Sanpress-Pipe	2205	22 X 1.2 (60)	807375	593	0.593	0.127
366017	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 22x1.2(30) E 539	Sanpress-Pipe	2205	22 X 1.2 (30)	649197	604	0.604	0.130
366021	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 28x1.2(240) E 539	Sanpress-Pipe	2205	28 X 1.2 (240)	616021	778	0.778	0.167
366026	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 28x1.2(60) E 539	Sanpress-Pipe	2205	28 X 1.2 (60)	807382	762	0.762	0.164
366027	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 28x1.2(30) E 539	Sanpress-Pipe	2205	28 X 1.2 (30)	649203	760	0.76	0.163
366031	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 35x1.5(180) E 539	Sanpress-Pipe	2205	35 X 1.5 (180)	616038	1216	1.216	0.261
366036	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 35x1.5(30) E 539	Sanpress-Pipe	2205	35 X 1.5 (30)	807399	1185	1.185	0.255
366041	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 42x1.5(120) E 539	Sanpress-Pipe	2205	42 X 1.5 (120)	616045	1420	1.42	0.305
366046	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 42x1.5(30) E 539	Sanpress-Pipe	2205	42 X 1.5 (30)	807405	1440	1.44	0.309
366047	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 42x1.5(6) E 539	Sanpress-Pipe	2205	42 X 1.5 (6)	649210	1470	1.47	0.316
366051	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 54x1.5(60) E 539	Sanpress-Pipe	2205	54 X 1.5 (60)	616557	1905	1.905	0.409
366056	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 54x1.5(30) E 539	Sanpress-Pipe	2205	54 X 1.5 (30)	807412	1865	1.865	0.401
366057	Sanpress Inox	Sanpress-Pipe 1.4521	2205 Sanpress-Pipe 54x1.5(6) E 539	Sanpress-Pipe	2205	54 X 1.5 (6)	649227	1870	1.87	0.402
366061	Sanpress Inox	Sanpress-Pipe 1.4521	2205XL Sanpress-Pipe 64x2.0(60) E 539	Sanpress-Pipe	2205XL	64 X 2.0 (60)	616564	3000	3	0.645
366066	Sanpress Inox	Sanpress-Pipe 1.4521	2205XL Sanpress-Pipe 64x2.0(6) E 539	Sanpress-Pipe	2205XL	64 X 2.0 (6)	807436	2908	2.908	0.625
366071	Sanpress Inox	Sanpress-Pipe 1.4521	2205XL Sanpress-Pipe 76.1x2.0(30) E 539	Sanpress-Pipe	2205XL	76.1 X 2.0 (30)	616571	3507	3.507	0.754
366076	Sanpress Inox	Sanpress-Pipe 1.4521	2205XL Sanpress-Pipe 76.1x2.0(6) E 539	Sanpress-Pipe	2205XL	76.1 X 2.0 (6)	807443	3477	3.477	0.747
366081	Sanpress Inox	Sanpress-Pipe 1.4521	2205XL Sanpress-Pipe 88.9x2.0(30) E 539	Sanpress-Pipe	2205XL	88.9 X 2.0 (30)	616588	4111	4.111	0.884
366086	Sanpress Inox	Sanpress-Pipe 1.4521	2205XL Sanpress-Pipe 88.9x2.0(6) E 539	Sanpress-Pipe	2205XL	88.9 X 2.0 (6)	807450	4061	4.061	0.873
366091	Sanpress Inox	Sanpress-Pipe 1.4521	2205XL Sanpress-Pipe 108x2.0(30) E 539	Sanpress-Pipe	2205XL	108 X 2.0 (30)	616595	4955	4.955	1.065
366096	Sanpress Inox	Sanpress-Pipe 1.4521	2205XL Sanpress-Pipe 108x2.0(6) E 539	Sanpress-Pipe	2205XL	108 X 2.0 (6)	807429	4958	4.958	1.066
386201	Sanpress Inox	Sanpress-Pipe 1.4401	4003 Sanpress-Pipe 1/2 E 1 9	Sanpress-Pipe	4003	01. Feb	820002	556.84	0.55684	0.120
386211	Sanpress Inox	Sanpress-Pipe 1.4401	4003 Sanpress-Pipe 3/4 E 1 9	Sanpress-Pipe	4003	03. Apr	820057	803.59	0.80359	0.173

Material	System	Product subgroup	Material short text	Designation	Model no.	Dimensions	Item no.	Mass in g	Mass in kg/m	Conversion factor
386221	Sanpress Inox	Sanpress-Pipe 1.4401	4003 Sanpress-Pipe 1 E 1 9	Sanpress-Pipe	4003	1	820101	1050.34	1.05034	0.226
386231	Sanpress Inox	Sanpress-Pipe 1.4401	4003 Sanpress-Pipe 11/4 E 1 9	Sanpress-Pipe	4003	1 1/4	820156	1299.81	1.29981	0.279
386251	Sanpress Inox	Sanpress-Pipe 1.4401	4003 Sanpress-Pipe 2 E 1 9	Sanpress-Pipe	4003	2	820255	2038.12	2.03812	0.438
553471	Sanpress Inox	Sanpress-Pipe	0107XL Sanpress-Pipe 21/2 E 1 9	Sanpress-Pipe	0107XL	2 1/2	870953	3243.04	3.24304	0.697
553481	Sanpress Inox	Sanpress-Pipe	0107XL Sanpress-Pipe 3 E 1 9	Sanpress-Pipe	0107XL	3	871004	3879.82	3.87982	0.834
553491	Sanpress Inox	Sanpress-Pipe	0107XL Sanpress-Pipe 4 E 1 9	Sanpress-Pipe	0107XL	4	871059	5153.37	5.15337	1.108
553541	Sanpress Inox	Sanpress-Pipe 1.4401	4003 Sanpress-Pipe 11/2 E 1 9	Sanpress-Pipe	4003	1 1/2	820200	1543.84	1.54384	0.332
553561	Sanpress Inox	Sanpress-Pipe	4007XL Sanpress-Pipe 21/2 E 1 9	Sanpress-Pipe	4007XL	2 1/2	820422	3243.04	3.24304	0.697
553571	Sanpress Inox	Sanpress-Pipe	4007XL Sanpress-Pipe 3 E 1 9	Sanpress-Pipe	4007XL	3	820507	3879.85	3.87985	0.834
553581	Sanpress Inox	Sanpress-Pipe	4007XL Sanpress-Pipe 4 E 1 9	Sanpress-Pipe	4007XL	4	820552	5153.37	5.15337	1.108
553591	Sanpress Inox	Sanpress-Pipe	0108 Sanpress-Pipe 1/2 E 1 9	Sanpress-Pipe	108	01. Feb	870502	395	0.395	0.085
553601	Sanpress Inox	Sanpress-Pipe	0108 Sanpress-Pipe 3/4 E 1 9	Sanpress-Pipe	108	03. Apr	870557	670	0.67	0.144
553611	Sanpress Inox	Sanpress-Pipe	0108 Sanpress-Pipe 1 E 1 9	Sanpress-Pipe	108	1	870601	872	0.872	0.187
553621	Sanpress Inox	Sanpress-Pipe	0108 Sanpress-Pipe 11/4 E 1 9	Sanpress-Pipe	108	1 1/4	870656	1334	1.334	0.287
553631	Sanpress Inox	Sanpress-Pipe	0108 Sanpress-Pipe 11/2 E 1 9	Sanpress-Pipe	108	1 1/2	870700	1584	1.584	0.340
553641	Sanpress Inox	Sanpress-Pipe	0108 Sanpress-Pipe 2 E 1 9	Sanpress-Pipe	108	2	870755	2090	2.09	0.449
553651	Sanpress Inox	Sanpress-Pipe	0108XL Sanpress-Pipe 21/2 E 1 9	Sanpress-Pipe	0108XL	2 1/2	870809	3433.417	3.433417	0.738
553661	Sanpress Inox	Sanpress-Pipe	0108XL Sanpress-Pipe 3 E 1 9	Sanpress-Pipe	0108XL	3	870854	3841	3.841	0.825
553671	Sanpress Inox	Sanpress-Pipe	0108XL Sanpress-Pipe 4 E 1 9	Sanpress-Pipe	0108XL	4	870908	5102	5.102	1.096

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Notes
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