

HEAT SHRINKABLE TUBING 2:1

Thin Wall Crosslinked Polyolefin FX

DIMENSIONS

Expanded Internal diameter (min)		Recovered Internal	
mm	IN	Diameter mm (max)	Wall thickness mm (nom)
1,2	3 / 64	0,6	0,4
1,6	1 / 16	0,8	0,4
2,4	3 / 32	1,2	0,5
3,2	1 / 8	1,6	0,5
4,8	3 / 16	2,4	0,5
6,4	1 / 4	3,2	0,6
9,5	3 / 8	4,8	0,6
12,7	1 / 2	6,4	0,6
19,0	3 / 4	9,5	0,8
25,4	1	12,7	0,9
38,1	1 1 / 2	19,0	1,0
50,8	2	25,4	1,1

PHYSICAL DATA

Property	Test Method	Typical Performance
Tensile Strength	IEC 60684-2	17,0 Mpa
Elongation	IEC 60684-2	450%
Longitudinal Change	ASTM-D 2671	±10% max.
Secant Modulus	ASTM-D 882	120 Mpa max.
Specific Gravity	ASTM-792, A-I	1,15 g/cm ³
Elongation after heat aging (168 hrs at 150°C)	IEC 811-1-2	450%
Tensile Strength after heat aging (168 hrs at 150°C)	IEC 811-1-2	19 Mpa
Elongation after heat shock (4 hrs at 200°C)	IEC 811-1-2	480%
Tensile Strength after heat shock (4 hrs at 200°C)	IEC 811-1-2	16 Mpa
Low temperature Flexibility	ASTM-D 2671 meth. C	Does not break at -55°C
Flammability	FMVSS302	Passed

ELECTRICAL DATA

Property	Test Method	Typical Performance
Dielectric Strength	VDE 0303 Part 2	20 kV/mm
Volume Resistivity	VDE 0303 Part 3	10 ¹⁴ Ω × cm

CHEMICAL

Property	Test Method	Typical Performance
Corrosive Action	ASTM-D 2671 meth. A	Non-corrosive
Copper Compatibility	ASTM-D 2671 meth. B	Non-corrosive
Chemical Resistance	MIL-1-23053	Good to excellent
Water Absorption	ASTM-D 570	0,10%

Description:

Economical, non self-extinguishing, halogen free heat shrink tubing, available in sizes from 1,2mm (3/64") to 50,8mm (2").

Material:

PE, modified, lead and cadmium free

The operating temperature is:

-55°C to +105°C.

Shrink Temperature:

125°C – 200°C

Standard colours:

Black

Specifications:



Produced according to:
EU 2002/95/EG, ROHS-directive

Applications:

This sleeving combines good mechanical resistance, flexibility, chemical resistance and dielectric strength.

Handling:

Product should be stored at temperatures under 30°C (86F), in a dust free, dry environment. Shelf life under these conditions would be at least 36 months.

Notes:

This information and data is believed to be accurate and reliable. Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of this date, Brady makes no representations as to the completeness or accuracy thereof. We place at your disposal the technical information necessary for the correct use of our products. As conditions and methods of use are beyond our control, that the person receiving the same will make their own determination as to the suitability for their purpose.

We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.