

Flexible Thin-Wall Flame Retarded Heat Shrink Sleeve Polyolefin Tubing 2:1 Ratio



A highly flexible, radiation cross-linked tubing used for insulating, jacketing and bundling of wire harnesses and components. Made from flame retardant polyolefin, it offers a good balance of electrical, mechanical, thermal, chemical and physical properties. Operates in temperatures up to 135°C and is U/L recognized.

- Operating Temperature Range -55°C to 135°C
- Shrink Temperature 110°C
- Shrink Ratio 2:1
- Military, UL Approvals



Shrink Sleeve Ltd.

The worldwide tubing solution

Shrink Sleeve Limited is a leading company providing electrical and mechanical heat shrink tubes for a variety of industries and applications. Starting from products created by extensive developmental research.

Shrink Sleeve Limited continues to respond to needs of customers and aims to become one of the most powerful heat shrink tube brands in the early 21st Century.

Shrink Sleeve Ltd.
Camion House, Mill Lane
Sevenoaks, Kent, TN14 5BX
United Kingdom.



Tel : + 44 (0)1732 462841

Fax : + 44 (0)1732 462851

Contact E-mail: info@shrinksleeve.com

Technical Data

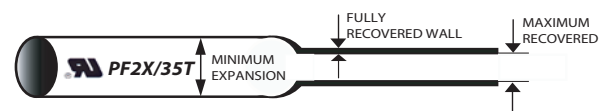
Property	Test Method	Values
Tensile Strength	ISO 37	18 MPa
Ultimate Elongation	ISO 37	450%
Specific Gravity	ISO 1183	1.05 g/cm ³
Longitudinal Change	ASTM D 2671	+/- 5%
Heat Shock	ASTM D 2671 (4hrs at 200°C)	No dripping or Flowing
Heat Ageing	ISO 37	
Ultimate Elongation	(168hrs at 158°C)	400%
Low Temperature Flexibility	ASTM D 2671 (4hrs at -55°C)	No cracking or flowing of outer wall
Flammability(Except Clear)	ASTM D 2671	< 100 mm/min
Electric Strength	ICE 243	20KV/mm min
Minimum Shrink Temp.	Full recovery	100°C
Water Absorption	ASTM D570	0.20%
Fluid Resistance	ISO 1817	Good to excellent
Gasoline	ISO 37	
Hydraulic Fluid	MIL-1-23053/5	
Lubrication Oil		

Specification References

Military	UNDERWRITERS LAB	CSA
MIL-23053/5	UL 224 125 °C	C22.2-198.1 125 °C

Dimensions

ORDERING No. size ref.	MINIMUM EXPANSION mm	MAXIMUM RECOVERED mm	FULLY RECOVERED WALL mm	STANDARD REEL LENGTH m
16	1.6	0.8	0.43	150
24	2.4	1.2	0.51	150
32	3.2	1.6	0.51	150
48	4.8	2.4	0.51	150
64	6.4	3.2	0.64	75
95	9.5	4.8	0.64	75
127	12.7	6.4	0.64	75
190	19.1	9.5	0.76	60
254	25.4	12.7	0.89	60
320	31.8	15.9	0.89	30
381	38.1	19.1	1.02	30
508	50.8	25.4	1.14	30
762	76.2	38.1	1.27	30
1016	101.6	50.8	1.40	30



Colour : Black (BK), Red (RD), Yellow (YW), White (WT), Blue (BU). (Other colours available to order except Clear)

ORDERING INFORMATION : Product Size Grade Trace Colour
PF2X ____ /35 T ____
e.g. PF2X1016/35TBK