

Dual Wall Adhesive Lined Polyolefin Tubing 3:1 or 4:1 Ratio



A flexible dual wall, radiation cross-linked tubing used for insulating, jacketing and bundling of wire harnesses and components. Made from flame retardant polyolefin, MIL and UL rated, it offers a good balance of sealing and protection against fluids on transitions to connectors.

- Operating Temperature Range -55°C to 110°C
- Shrink Temperature 100°C
- Dual Wall Adhesive Lined
- Military, UL Approvals
- Shrink Ratio 3:1 or 4:1

Shrink Sleeve

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 21st Century.

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Technical Data

Property	Test Method	Values
Tensile Strength	ISO 37	9 MPa min.
Ultimate Elongation	ISO 37	300% max.
Specific Gravity	ISO 1183	1.25 max.
Heat Shock	ASTM D 2671 (4hrs at 255°C)	No dripping, cracking or flowing
Heat Ageing	ISO188(168hrs at 150°C)	
Ultimate Elongation	ISO 37	150% min.
Low Temperature	ASTM D 2671	No cracking
Flexibility	(4hrs at -55°C)	
Flammability(Except Clear)	ASTM D 876	Pass
Electric Strength	ICE 243	12KV/mm min.
Corrosion(Copper Contact)	ASTM D 2671	No corrosion
Water Absorption	ISO 62	0.5% max.
Fluid Resistance	ISO 1817	
Gasoline		
Hydraulic Fluid		
Lubrication Oil		
Tensile Strength	ISO 37	7 MPa min.
Ultimate Elongation		300% min.
Inner Wall Adhesion	Clause 3.6	150N/25mm (min)

Specification References

MILITARY	UNDERWRITERS LAB	FLAME RETARDANT
MIL-DTL 23053/5	UL 224 VW1	  
DEF STAN 59-97, VG95343 Pt5	600V, 125 °C	

Dimensions

ORDERING No. size ref (mm)	MINIMUM EXPANSION (mm)	MAXIMUM RECOVERED (mm)	FULLY RECOVERED WALL (mm)	STANDARD LENGTH (M)
3:1				
3	3.0	1.00	0.96	1.2
4.5	4.5	1.50	1.09	1.2
6	6.0	2.00	1.14	1.2
9	9.0	3.00	1.39	1.2
12	12.0	4.00	1.75	1.2
19	19.0	6.00	2.20	1.2
24	24.0	8.00	2.54	1.2
40	40.0	13.0	2.54	1.2
4:1				
4	4.0	1.00	1.00	1.2
8	8.0	2.00	1.00	1.2
12	12.0	3.00	1.40	1.2
16	16.0	4.00	1.80	1.2
24	24.0	6.00	2.25	1.2
32	32.0	8.00	2.55	1.2
52	52.0	13.0	2.55	1.2

Colour : Black (BK), Clear (HC), Red (RD)

Red only available in 3:1 Ratio

Clear is not UL approved & Max. 105°C working Temp.

Order : Product Size / Colour

PF3A PF4A — —

Ex. 3.0 ID Black 3to1 - PF3A 3 BK