

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



A highly flexible dual wall, radiated 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 environmental fluids, especially on transitions to connectors. Operates in temperatures up to 100°C.


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



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.


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Technical Data

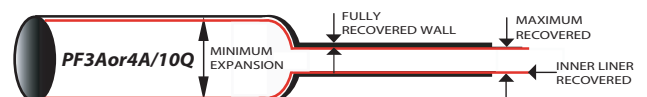
Property	Test Method	Values
Tensile Strength	ISO 37	9.0 MPa
Ultimate Elongation	ISO 37	300%
Specific Gravity	ISO 1183	1.25 g/cm ³ max
Inner Wall Adhesion	Clause 3.6	150N/25mm (min)
Heat Ageing	ISO 188	No cracking or flowing of outer wall
Ultimate Elongation	(168hrs at 150°C)	
Low Temperature Flexibility	ASTM D 2671 (4hrs at -55°C)	No cracking or flowing of outer wall
Secant modulus	ASTM D 876	Pass
Flammability (Outer wall only)	UL 224	Flame retardant
Electric Strength	ICE 243	12KV/mm min
Corrosion (Copper Mirror)	ASTM D 2671	No corrosion
Water Absorption	ASTM D 570	0.5% Max
Fluid Resistance	ISO 37	7 Mpa
	(After immersion 23 °C x 24h)	

Specification References

Military	UNDERWRITERS LAB	CSA
MIL-DTL 23053/4	UL 224 VW1 600V, 125 °C 	LR 31929 600V, 125 °C 

Dimensions

ORDERING No. size ref..	MINIMUM EXPANSION mm	MAXIMUM RECOVERED mm	FULLY RECOVERED WALL mm	STANDAERD LENGTHS m
3:1				
30	3.0	1.00	0.96	150
45	4.5	1.50	1.09	150
60	6.0	2.00	1.14	75
90	12.0	3.00	1.27	75
120	16.0	4.00	1.39	75
190	19.0	6.00	1.90	75
240	24.0	8.00	2.54	30
400	40.0	13.0	2.54	30
4:1				
40	4.0	1.00	1.00	150
80	8.0	2.00	1.00	150
120	12.0	3.00	1.40	75
160	16.0	4.00	1.80	75
240	24.0	6.00	2.25	75
320	32.0	8.00	2.55	75
520	52.0	13.0	2.55	30



Packaging : 4FT length(1.22 mtr.)
 Spool (Upon request)

Colour : Black (BK), Clear (CR)

ORDERING INFORMATION : Product Size Grade Trace Colour
 PF3Aor4A ___ /10 Q ___
 e.g. PF3A240/10QBK, PF4A320/10QCR