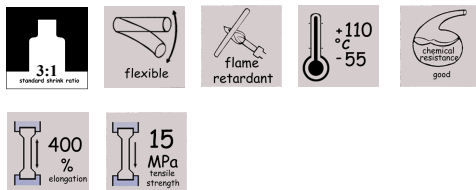


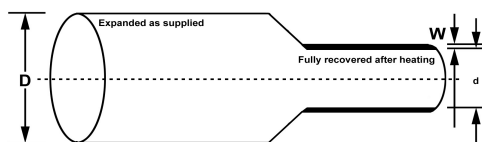
Thin Wall Adhesive-Lined Crosslinked Polyolefin

IAT 300



Features

- **Flame Retardant***
- **High Shrink Ratio**
- **Continuous Operating Temperature: -55°C to +110°C**
- **Shrink Temperature 95°C**
- **Inner adhesive bonds to a wide range of materials.**



*Only jacket is flame retardant.
*Clear not flame retardant

Electrical Properties		
Dielectric Strength	VDE 0303 Part 2	22kV/mm
Volume Resistivity	VDE 0303 Part 3	10 ¹⁴ Ohm-cm
Chemical Properties		
Corrosive Action	ASTM-D 2671	Non-corrosive
Copper Compatibility	ASTM D-2671	No Corrosion
Water Absorption	VDE 0472	0.15%
Fungus Resistance	ASTM G-21	No Growth

ORDER REF. NO. IAT 300	EXPANDED	RECOVERED		STANDARD LENGTHS
	INTERNAL DIAMETER D (MIN)	INTERNAL DIAMETER d (MAX)	WALL THICKNESS W (NOM)	
	mm	mm	mm	
3/1	3.0	1.0	1.0	1.22
4.5/1.5	4.5	1.5	1.1	1.22
6/2	6.0	2.0	1.2	1.22
9/3	9.0	3.0	1.4	1.22
12/4	12.0	4.0	1.7	1.22
19/6	19.0	6.0	2.1	1.22
24/8	24.0	8.0	2.4	1.22
40/13	40.0	13.0	2.4	1.22

Also available on reels - MOQs' may apply.

Property	Test Method	Performance (Typical)
Tensile Strength	IEC 60684-2	15.0 Mpa
Elongation	IEC 60684-2	400%
Longitudinal Change	ASTM D-2671	-1.5% max
2% Secant Modulus	ASTM D-2671	16000psi (110Mpa)
Specific Gravity	ASTM D-792, ISO R1183	1.25 g/cm 3
Heat Resistant Properties (16hrs @ 175°C)	MIL-DTL-23053/4	No cracking or flowing of outer wall
Heat Shock	ASTM D-2671	No cracking or flowing of outer wall
Low Temperature Flexibility (4hrs@ -55°C)	ASTM D-2671	No cracking
Flammability	ASTM D- 876	Flame retardant jacket

STANDARD COLOURS

black ●

clear ○

Special colours available subject to MOQs'

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