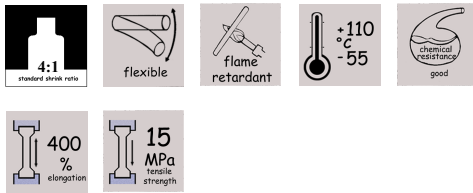


## Thin Wall Adhesive-Lined Crosslinked Polyolefin

# IAT 400

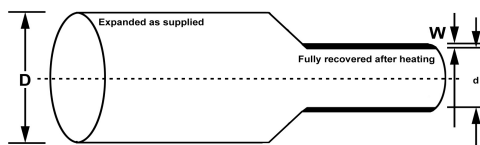


## Features

- **Flame Retardant\***
- **High Shrink Ratio 4:1**
- **Continuous Operating Temperature: -55°C to +110°C**
- **Shrink Temperature 95°C**
- **Inner adhesive bonds to a wide range of materials.**

ORDER REF. NO. <b>IAT 400</b>	EXPANDED	RECOVERED		STANDARD LENGTHS
	INTERNAL DIAMETER	INTERNAL DIAMETER	WALL THICKNESS	
	D (MIN)	d (MAX)	W (NOM)	
	mm	mm	mm	m
4/1	4.0	1.0	1.00	1.22
8/2	8.0	2.0	1.20	1.22
12/3	12.0	3.0	1.40	1.22
16/4	16.0	4.0	1.70	1.22
24/6	24.0	6.0	2.10	1.22
32/8	32.0	8.0	2.40	1.22
52/13	52.0	13.0	2.40	1.22

Also available on reels - MOQs' may apply



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

Property	Test Method	Performance (Typical)
Tensile Strength	IEC 60684-2	15.0 Mpa
Elongation	IEC 60684-2	400%
Longitudinal Change	ASTM D-2671	-18% max
Specific Gravity	ASTM D-792,A-1	1.25g/cm <sup>3</sup>
Tensile Strength after heat aging (168hrs @ 160°C)	IEC 811-1-2	14 MPa
Elongation after Heat Shock (4hrs @ 210°C)	IEC 811-1-2	360%
Low Temperature Flexibility (4hrs @ -55°C)	ASTM D-2671 Meth C.	Does Not break at -55 degC
Flammability (Black)	ASTM-D 876	Jacket - Passed

Electrical Properties		
Dielectric Strength	VDE 0303 Part 2	22 kV/mm
Volume Resistivity	VDE 0303 Part 3	10 <sup>14</sup> Ohm-cm
Chemical Properties		
Corrosive Action	ASTM-D 2671	None Corrosive
Copper Compatibility	ASTM D-2671	None Corrosive
Water Absorption	VDE 0472	0.15%
Chemical Resistance		Good

### STANDARD COLOURS

black ●

clear ○

Special colours available subject to MOQs'

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