

Adhesive-Lined Cross Linked Polyolefin Tape

IAL Tape



Features

- Cross-linked polyolefin backing coated with a protective, heat sensitive adhesive
- Seals against moisture ingress and other contaminations
- Effectively bonds to metal substrates and common cable coatings
- Eliminates air leakage in Vacuum and Ventilation Systems
- Powerful adhesive bonds galvanised steel, aluminium and stainless steel
- Effective, reproducible seal allows for resistance to bending, vibrations and other mechanical stresses over a wide range of temperatures
- Application procedure is quick, simple and clean
- Continuous Operating Temp:
-25°C to + 45°C
- Shrink Temperature: 120°C

ORDER REF. NO.	DV TAPE WIDTH	DUCT Dia.. APPLICATION RANGE	STANDARD LENGTH	RECOMMENDED JOINT OVERLAP (min)
IAL Tape	mm	mm	mm	mm
0050	50	50-250	15	50
0075	75	280-500	15	63
0100	100	550-1000	15	75
0110	100	1050-1500	15	100

BACKING	ADHESIVE	TOTAL
mm	mm	mm
0.46	0.66	1.12

Property	Method	Performance (Typical)
Backing Tensile Strength	ASTM D-638	20Mpa max
Elongation	ASTM D-638	600%
Hardness	ASTM D-2240	46 Shore D
Heat Ageing (168hrs @ 150°C) Tensile strength Elongation	ASTM D-638 ASTM D-638	16.5Mpa 500%
Environmental Stress (visual)	ASTM D-1693	Pass 30days 50°C 10% IGEPAL
% recovery	STM C3	10%
Adhesive Softening Point	ASTM E28	72°C
Peel Strength to Galvanised steel	ASTM D-1000	20pli
Lap Shear Strength	ASTM D-1002	87psi
Low Temp. Flexibility	ASTM D-2671C	-25°C
Electrical		
Dielectric Strength	ASTM D-149	27kV/mm
Volume resistivity	ASTM D-257	10E15 Ohm.cm

STANDARD COLOURS
black ●
Special colours available on request

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