

## 103312 AL - Aluminium Tape Cold Weather & FR

Description	A nominal 30 micron (1.2 mil) high tensile strength aluminium foil backing, combined with a cold weather flame retardant acrylic adhesive, protected by an easy-release silicone release paper.
Product properties	<ul style="list-style-type: none"> <li>- Flame retardant.</li> <li>- Aluminium backing provides excellent reflection of both heat and light.</li> <li>- Cold weather adhesive with moderate adhesion offers good sealing and bonding on Foil-Scrim-Kraft Facing joints and seams in HVAC ductwork application.</li> <li>- Good aging resistance both indoors and outdoors.</li> <li>- Low moisture vapor transmission rate offers excellent sealing and patching performance.</li> </ul>
Specifications	Fire Rating: 25 / 50 & Class O, test method UL 723 & BS476 Pt. 6 & 7 B1, test method DIN 4102
Applications	HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket / duct board joints and seams; joining and sealing flexible air duct seams and connections. General purpose holding, patching, sealing and masking applications - indoors and outdoors.
Storage and ageing	1 year shelf life whilst stored in original packaging and ambient room temperature. Keep out of direct sunlight.
Applying tips	All substrates should be clean and contamination free, a solvent such as Isopropyl-Alcohol is recommended for cleaning purposes, and the tape should be applied with pressure.

### TECHNICAL DATA

Weather resistant	Yes	
Aging resistant	Yes	
Carrier	Aluminium	
Adhesive	Acrylic	
Sub group adhesive	Solvent/UV	
Color	Aluminium	
Liner	Paper silicone coated	
Thickness carrier	0.03 mm	1.181 Mils
Thickness total	0.07 mm	2.756 Mils
Adhesion on SS	15 N/25mm	3.43 Lbs/inch
Tensile strength length	45 N/25mm	10.28 Lbs/inch
Elongation length	3 %	
Service temperature	Between -35 and 120 °C	Between -31 and 248 °F
Application temperature	Between -20 and 40 °C	Between -4 and 104 °F
Water vapour transmission rate	0 g/m <sup>2</sup> /24h	0 lb/100in <sup>2</sup> /24h

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