



0575

TAPE AGC

aluminium foil glass cloth and vapour barrier tape

Tape AGC is a pressure sensitive thermal insulation adhesive tape, composed of aluminium on a glass cloth backing, combined with a high-performance solvent acrylic adhesive, protected by an easy-release silicone release paper.

STORAGE AND SHELF LIFE

12 months when stored at -5 to +30 °C (23 to 86 °F) / 50% relative humidity out of direct sunlight.

SURFACE PREPARATION

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants
- It is essential that the user evaluate product suitability for a particular application
- Pressure should be used when applying to any surface
- Adhesion tests is recommended for powder coated surfaces
- These tapes are not to be used as mechanical joining devices

SPECIFICATIONS

Colour	Silver facing / Aluminium foil Glass Cloth (AGC)
Available	Cut Roll: 48 mm (2") $\pm$ 2 mm , 75 mm (3") $\pm$ 3 mm, 96 mm (4") $\pm$ 4 mm Log Roll: 1200 mm X 50 m Jumbo Roll: 1200 mm X 500 m



applications

- HVAC industry - joining and sealing aluminium glass facing laminated fibreglass blanket/duct board joints and seams
- Joining and sealing industrial pipe insulation seams and connections
- Other industrial applications requiring Tape AGC characteristics and benefits

features

- Aluminium glass cloth backing provides an excellent reflection of both heat and light
- High-quality adhesive with super strong adhesion and holding power offers reliable and durable aluminium glass cloth facing joints and seams sealing in industrial pipe thermal insulation application
- Low moisture vapour transmission rate makes Tape AGC an excellent vapour barrier
- Service Temperature range from -30 °C to +100 °C (-22°F to +212°F)



TYPICAL PHYSICAL PROPERTIES

Test method	Property	Value (metric)	Value (imperial)
PSTC-133/ASTM D 3652	Product Thickness	120 micron	4.8 mil.
PSTC-133/ASTM D 3652	Total Thickness (with release paper)	170 micron	6.8 mil.
PSTC-101/ASTM D 3330	Adhesion to Steel	18 N/25 mm	64.8 oz./inch.
PSTC-6/ASTM D 3121	Tack Rolling Ball	20 cm	8.0 inch.
PSTC-131/ASTM D 3759	Tensile Strength	255 N/25 mm	58.0 lb/inch.
PSTC-131/ASTM D 3759	Elongation	5 %	5 %
-	Service Temperature	-30 °C to +100 °C	-22 °F to +212 °F
-	Application Temperature	+10 °C to +50 °C	+50 °F to +122 °F

MATERIAL PROPERTIES

Test method	Property	Report	Results
IMO FTP Annex 1 Part 5	Surface flammability	354774	Complies for bulkheads, walls or ceiling linings and floors
IMO FTP Annex 2	Smoke and toxicity		
MED B	EC Type Certificate (Module B) for Marine Equipment Directive	MEDB00007RU	
MED D	EC Type Certificate (Module D) for Marine Equipment Directive	MEDD000028J	
EN 45545-2 (ISO 5658-2)	Spread of flame	0040-25-F	CFE = 50 kW/m2
UN ECE Regulation 118	Burning Behaviour and capability to repel fuel for materials used in the construction of motor vehicles	0061-25-F	Complies to the requirements of ECE R 118 Article 6.2.4.