

# 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 21 °C (70°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



## 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

### SPECIFICATIONS

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

## 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 +120 °C (-22°F to +248°F)

### TYPICAL PHYSICAL PROPERTIES

Test method	Property	Value (metric)	Value (imperial)
PSTC-133/ASTM D 3652	Backing 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	15 cm	6.0 inch.
PSTC-131/ASTM D 3759	Tensile Strength	255 N/25 mm	58.0 lb/inch.
PSTC-131/ASTM D 3759	Elongation	%	5.0
-	Service Temperature	-30 °C to +120 °C	-22 °F to +248 °F
-	Application Temperature	+20 °C to +40 °C	+68 °F to +105 °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	164.112/1121/WCL MED0479TE	
MED D	EC Type Certificate (Module D) for Marine Equipment Directive	MEDD000015N	