

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

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



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 +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	

For further information and contact details, please visit our website pyroteknc.com

Caveats: Specifications are subject to change without notice. The data in this document is typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic, mechanical and fire engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights. DISCLAIMER: This document is covered by Pyrotek standard Disclaimer, Warranty and © Copyright clauses. See pyroteknc.com/disclaimer.

