



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 PREPARTION

- 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 +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 | |

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 or mechanical 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.
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