

TAPE GC

thermal insulation glass cloth transfer tape

Tape GC is a high quality pressure sensitive thermal insulation joining tape with a glass cloth mesh face offered in either 120 or 220gsm. The backing is a high performance solvent-free acrylic adhesive, with an easy to remove silicone liner. The tape is available in four colours — black; white; grey and beige.

FEATURES

- High temperature resistance
- High quality adhesive with strong adhesion, suited to fabric faced insulation materials and a variety of materials and surfaces
- Plasticiser resistant

STORAGE AND SHELF LIFE

12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

TYPICAL APPLICATIONS

Used as a joining or finishing tape to seal edges and joins. Tape GC can be ideal for use on Pyrotek insulation products that have GC film facing for a matching, seamless appearance. Adheres to steel, tin, aluminium, fibreglass, PVC, polypropylene, open cell foam, fibrous, painted and powder coated surfaces.

SURFACE PREPARATION

- As with all pressure-sensitive tapes, the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.
- User to evaluate the product to determine whether it's fit for a particular purpose and user's method of application.

PRODUCT SPECIFICATIONS

Standard product nomenclature	GSM	Colour	Roll length (lineal metres)	Cut roll width (mm)	Operating temperature range (°C)
Tape GC120 BLK/Tape GC220 BLK	120/220	black	30	48 mm (2"), 72 mm(3"), and 96 mm(4") (± 2 mm)	-30 to +100 Continuous -30 to +110 Intermittent
Tape GC120 WHT/Tape GC220 WHT		white			
Tape GC120 GRY/Tape GC220 GRY		grey			
Tape GC120 BGE/Tape GC220 BGE		beige			

MATERIAL PROPERTIES

Test Method	Property	Results
PSTC-33	Adhesive Thickness	0.10 mm (100 g/m ²)
PSTC-33	Release Liner Thickness	0.12 mm (120 g/m ²)
PSTC-1	180° Peel on stainless steel after 24 hours	35 N/25 mm
PSTC-1	180° Peel on polypropylene after 24 hours	24 N/25 mm
FINAT 9	Loop tack on glass	18 N/25 mm
PSTC-7	Static Shear on stainless steel @ 23°C Area 25 x 25 mm, load 1000g	>2000min
ASTM D4498	Shear Adhesion Failure Temperature, 1000g	105°C
DIN 75-201B	Out-gassing – Volatile Condensable Materials	0.05%
-	Minimum Application Temperature	10°C
-	Maximum Continuous Operating Temperature	120°C



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.
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