

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

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