

TECHNICAL DATA SHEET

GLASS CLOTH TAPE

DESCRIPTION

Manufactured from 5.0 mils electrical grade fiberglass cloth with high performance silicone adhesive. For uses in most high-temperature industrial applications.

APPLICATIONS

Powder Coating, Shot Blasting, Thermal Spray, Plasma Spray

PRODUCT BENEFITS

- Tough abrasive resistance.
- Excellent mechanical and electrical properties.
- High conformable, no corrosion, UL approval. - Flame retardant.
- High tensile strength.
- Meets MIL-I-19166C Type 7 MIL.

TECHINICAL DATA

Item	Test Method	Normal
Adhesive		Silicone
Carrier		Fiberglass Cloth
Carrier Thickness (mil/mm)	ASTM D 1000	5.0 / 0.125
Total Thickness (mil/mm)	ASTM D 1000	7.6 / 0.190
Color		White
Initial Ball Tack	JIS Z0237	#16
Adhesion to Steel (N/25mm)/(g/25mm)/(oz/in)	ASTM D 1000	9.8 / 1000 / 35.2
Tensile Strength (N/25mm)/(kg/25mm)/(lb/in)	ASTM D 1000	588 / 60 / 132
Elongation (%)	ASTM D 1000	9
Dielectric Strength (kV)	ASTM D 149	4.0
Shear Strength	60oC×25mm×1kg	4.0
Class of Insulation (C)	UL 510	-73~260 / -100~500
Tape Length (m)	33	
Tape Width (mm)	1075 available	

Shelf life is six months under normal conditions of 70° F and 50% relative humidity.

The above values are typical values and should be used only as a guide. Due to the nature of process variables, Echo makes no warranty or guarantee on the use of this product in a specific process and user should always test material in their own process before running production.