



PLYMOUTH RUBBER EUROPA, S.A.



77 PLYGLAS[®] HT

Glass Cloth Tape High Temperature

Technical Data Sheet

December 2018

Description and Features

77 PLYGLAS[®] HT is a woven glass fabric tape with a heat resistant silicon pressure-sensitive adhesive for high temperature. It has high tensile strength backing, and provides excellent tear and abrasion resistance with a service temperature rating of 200 °C. Compliance with MIL-I-19166C,

- High temperature resistant
- Service temperature of 200 °C
- High mechanical strength
- Abrasion and abrasion resistant.

Materials	Backing	Adhesive	Color	Standard Size
	Glass cloth	Thermosetting Silicone	White	Width x Length 19 mm x 20 m (0.75 in. x 66 ft.) Other sizes available upon request

Technical Properties	Characteristic	Typical Value	Test Method
	Thickness (mm)	0,178	ASTM D-1000
	Tensile strength (N/cm)	324	ASTM D-1000
	Elongation at break (%)	3	ASTM D-1000
	Adhesion to Steel (N/cm)	4,9	ASTM D-1000
	Dielectric breakdown (kV)	2,5	ASTM D-1000
	Insulation resistance (MΩm)	1x10 ³	ASTM D-1000
	Electrolytic corrosion	1,0 Direct /A, 1	VDE 0340
	Flammability	BU 1 / Pass	VDE 0340 / UL-510

Recommended Uses

For insulating and protecting high temperature connections on solid dielectric cable thru 600 volts. Securing 53 Plyarc, Arc and Fire Proofing Tape, where adhesion at high temperatures is required. Binding and harnessing applications.

Resist edge fraying and rotting, is flexible, and varnish absorbent. Used in applications where solvent resistance, flame retardance and abrasion resistance is required.

High temperature coil insulation wrap, hardness wrapping, splicing. Ideal for motor repair shops for building and banding heavy gauge magnet wire. Slot cell edge taping and crossover insulation.

Storage

In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C.

Shelf Life

36 months from date of manufacture.

Information provided is for reference only. Data in table represent average test results and are not to be used for specification purposes. The product user should make his/her own tests to determine the product's suitability for the intended use

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