



SteelGard 100 Tape

Product Description

SteelGard 100 Tape is an integral component of the SteelGard 100 System.

SteelGard 100 Tape is based upon a non-woven polyester fabric which has been fully impregnated and saturated with a petrolatum compound, blended with inert fillers and additional tackifying agents.

Product Characteristics

SteelGard 100 Tape exhibits wide ranging resistance to acids, alkalis, and salts.

SteelGard 100 Tape is designed to protect surfaces where additional adhesion is required.

SteelGard 100 Tape will adhere to structural steelwork, pipes and fittings and will allow for substrate vibration and movement.

Product Uses

Steelwork: Above ground corrosion protection of structural steel, pipes, welded joints, bends and fittings.

Other: Corrosion protection of flat steel or on flat areas where tapes need to be applied in a longitudinal fashion.

Product Application

Refer to the PCS: Consultant Specification Guide – PCS SteelGard 100 System.

Product Properties

Property	Test Method	Value
Thickness	ASTM D751	1.70 ± 0.20 mm
Weight	ASTM D751	1.57 ± 0.18 kg/m ²
Density	ASTM D1475	0.92 kg/L
Break Strength	ASTM D1000	6.0 ± 1.0 N/mm
Elongation at Break	ASTM D1000	15 ± 4 %
Breakdown Voltage	ASTM D149	≥16 kV
Application Temperatures		-5 to + 50 °C
Service Temperature		-25 to + 65 °C
Maximum Temperature		+65°C

Product Packaging

Part No	Width	Length	Carton Qty	Part No	Width	Length	Carton Qty
PT050SG	50 mm	10 m	18 rolls	PT150SG	150 mm	10 m	6 rolls
PT075SG	75 mm	10 m	12 rolls	PT200SG	200 mm	10 m	3 rolls
PT100SG	100 mm	10 m	9 rolls	PT300SG	300 mm	10 m	3 rolls

Other sizes are available on request.

IMPORTANT

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of our materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use, prior to purchase.