



PetroGard Tape Standard

Product Description

PetroGard Tape Standard (ST) is an integral component of the PCS PetroGard System. PetroGard Tape ST is based upon a non-woven polyester fabric, which has been fully impregnated and saturated with a petrolatum compound and blended with inert fillers.

Product Characteristics

PetroGard Tape ST exhibits wide ranging resistance to acids, alkalis, and salts. PetroGard Tape ST exhibits non-hardening and non-cracking properties, which allow the product to accommodate both substrate vibration and movement. Will adhere and remain attached to clean, wet, or dry metal surfaces.

Product Uses

Pipeline: Corrosion protection of above ground, below ground pipes and metal fittings.
Other: Tie rods, starter bars, bond breaker, slip form release tape, roof sheet isolation tape.

Product Application

Refer to the PCS PetroGard System: Application Data Sheet – Continuous Wrapping.

Product Properties

Property	Test Method	Value
Thickness	ASTM D751	1.4 ± 0.3 mm (average)
Weight	ASTM D751	1.44 ± 0.18 kg/m ²
Breaking Strength	ASTM D1000	≥5.0 N/mm
Elongation at break	ASTM D1000	10 - 20%
Water Vapour Transmission	ASTM E96	0.25 ± 0.16 g/m ² .24h - single layer
Resistance to cathodic disbondment	ASTM G8, A (30 days)	<700 mm ² (Group C) - single layer <500 mm ² (Group B) - double layer
Application Temperature		-5 to +45 °C
Service Temperature		-20 to +50 °C
Maximum temperature		+55 °C

Product Packaging

Part No	Width	Length	Carton Qty	Part No	Width	Length	Carton Qty
PT050ST	50 mm	10 m	36 rolls	PT150ST	150 mm	10 m	12 rolls
PT075ST	75 mm	10 m	24 rolls	PT200ST	200 mm	10 m	6 rolls
PT100ST	100 mm	10m	18 rolls	PT300ST	300 mm	10 m	6 rolls

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.