



PetroGard Tape High Temperature

Product Description

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

Product Characteristics

PetroGard Tape HT is stable in composition and plasticity over a wide temperature range. Has non-hardening properties, which allow the product to accommodate both substrate vibration and movement. Highly resistant to mineral acids, alkalis and salts.

Product Uses

Pipeline: Corrosion protection of above ground, below ground pipes and metal fittings (suitable for use at elevated temperatures).
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
Weight	ASTM D751	1.44 ± kg/m ²
Thickness	ASTM D715	1.40 mm (average)
Break Strength	ASTM D1000	6.0 ± 1.0 N/mm
Water Vapour Transmission	ASTM E96	0.25 ± 0.16 g/m ² .24 h – single layer
Resistance to cathodic disbanding	ASTM G8 (30 days)	< 700 (Group C) – single layer < 500 (Group B) – double layer
Breakdown voltage (double layer)	ASTM D149	≥16 kV
Application Temperature		-5 to +55 °C
Service Temperature		-20 to +75 °C
Maximum Temperature		+75°C
Service Life		30 Years +
Shelf Life		30 Years +

Product Packaging

Part No	Width	Length	Carton Qty	Part No	Width	Length	Carton Qty
PT050HT	50mm	10m	36 Rolls	PT150HT	150mm	10m	12 Rolls
PT075HT	75mm	10m	24 Rolls	PT200HT	200mm	10m	6 Rolls
PT100HT	100mm	10m	18 Rolls	PT300HT	300mm	10m	6 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.