

Why Petrolatum Tape

Beats the Alternatives:

- Requires minimum surface prep and is ready for service as soon as it's in the field.
- Environmentally safe and contains no harmful solvents.
- Can be applied to cold and/or wet surfaces, so application is not delayed by temperature or rain.
- Maintains performance through exposure to water, acids, salts and soil compounds.
- Ideal corrosion prevention solution for irregular shapes and profiles.
- Provides solution to environmental hazards by encapsulating lead paint and other potential toxins.

Petro Coating Systems LP

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PCS Petrolatum Tape has products designed for a wide variety of applications. Some typical applications and solutions include:

Application:	Solution:
Water Pipelines (up to 113°F)	Petrolatum ST
Oil & Gas Pipelines (up to 113°F)	Petrolatum ST
Field Joint Protection (up to 86°F)	Petrolatum LT
Field Joint Protection (up to 113°F)	Petrolatum ST
Field Joint Protection (between 113°F and 167°F)	Petrolatum HT
Linepipe Coatings (site application)	Petrolatum ST & Petrolatum HT
Protection of Valves, Flanges & Fittings	Petrolatum LT, ST & HT



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Petro Coating Systems LP is a limited partnership between PCS and



Introducing the

Petrolatum Tape System

available from
Petro Coating Systems LP
and
LaBarge Pipe & Steel



PCS Petrolatum Tape Offers Proven Performance With Great Flexibility.

Petrolatum Tape is a corrosion prevention system designed to help your steel pipe maintain its integrity in the field. The solvent-free tape product has over 7 decades of proven performance as a cost-effective, flexible and reliable tape wrap for water pipelines, oil and gas pipelines and a variety of field joint applications.

The non-woven stitch bonded synthetic fabric is fully impregnated with neutral petrolatum-based compounds and inert fillers. Petrolatum-based PT tape is chemically inert and does not polymerize or oxidize, and therefore retains its water-resistance and dielectric properties over an indefinite period. It is free of chemical impurities.



Physical Properties of PCS Petrolatum Tape			
	LT Tape	ST Tape	HT Tape
Tensile Strength	45 lb/inch	45 lb/inch	45 lb/inch
Thickness	51 mils (min)	51 mils (min)	51 mils (min)
Roll Length	33 ft	33 ft	33 ft
Mass	1350 g/m ²	1350 g/m ²	1350 g/m ²
Water Vapor Permeability	0.12 g/m ² /24 Hrs	0.12 g/m ² /24 Hrs	0.12 g/m ² /24 Hrs
Service Temp.	131°F	149°F	167°F
Holiday Test	10KV	10KV	10KV

Compared to other tape wraps, PCS's Petrolatum Tape offers superior ease of application, especially on irregularly-shaped valves and fittings. Prior to application, all surfaces should be evenly coated with PP Petrolatum Primer Paste. While applying PT Petrolatum Tape, simply smooth the surface of the tape by hand to eliminate air bubbles and ensure intimate contact with the substrate and seal laps.

For especially-irregular surfaces, including pipe joints, flanges, valves and bolts, PM Petrolatum Mastic serves as a filler which profiles the areas to be tape-wrapped by easing the irregular contours. PM Petrolatum Mastic is a self-supporting compound which does not harden. It is chemically inert and resistant to moisture, and may be applied in temperature ranges from 36°F to 113°F. It is environmentally safe with no VOC content.

PCS PT Petrolatum Tape is available in Low-Temperature (LT), Standard (ST) and High-Temperature (HT) versions, as well as a MarineGuard version for underwater applications. It is available in four tape widths from 2 inches to 6 inches.

Physical properties of the LT, ST and HT Petrolatum Tape are listed here.

For extra mechanical protection and increased electrical resistance, pipes wrapped with PT Petrolatum Tape may be overwrapped with PO PVC 250 Overwrap Tape. A 55% overlap is generally recommended, however a minimum overlap of 1" may be used on pipe diameters up to 6" and a minimum 2" overlap on larger diameters.

PM Petrolatum Mastic Quantity Requirements:		
Pipe Diam.	Flanged Pairs (Pounds Mastic)	Flanged Valves (Pounds Mastic)
2"	3 lbs.	6 lbs.
3"	5 lbs.	9 lbs.
4"	6 lbs.	12 lbs.
6"	9 lbs.	18 lbs.
8"	12 lbs.	25 lbs.
10"	15 lbs.	31 lbs.
12"	18 lbs.	38 lbs.
14"	21 lbs.	44 lbs.
16"	25 lbs.	50 lbs.
18"	28 lbs.	56 lbs.
20"	31 lbs.	63 lbs.
24"	38 lbs.	75 lbs.
30"	47 lbs.	94 lbs.
36"	57 lbs.	113 lbs.