

CORSMART® PETROLATUM COATING SYSTEM

PRODUCT DATA SHEET

CORSMART® PETROLATUM COATING SYSTEM - Petrolatum coating system is corrosion protection tape-based system based on a synthetic fiber fabric impregnated and coated with anti-corrosive petrolatum compound .it consist mainly of petrolatum tape, petrolatum primer and petrolatum mastic

CORSMART® petrolatum tape is a non-woven fiber fabric coated with neutral component based on saturated petrolatum and inert siliceous fibers. It is highly resistant to mineral acids, alkalis, salts and micro-organisms and highly impermeable to water vapor and gases. Used for the protection of buried or exposed pipes, rods, cable valves and metal fittings from corrosion.

CORSMART® Petrolatum primer is a semi solid paste and is a tacky adhesive primer used with petrolatum tape and petrolatum mastic. The primer solution is comprised of high melting point petrolatum in hydrocarbon solvent.

CORSMART® petrolatum mastic is a cold applied mastic for sealing and filling in pipe joints, flanges, valves, bolts, and other irregular parts to provide a contour that suitable for wrapping the petrolatum tape. It contains petrolatum-based compounds with inert fillers and reinforcing fibers

FEATURES

- Minimal surface preparation
- Easily adapts to uneven surfaces to irregular surface profiles (valves, flanges, etc.)
- Application to wet or cold conditions
- It can be applied above and below ground
- No requirement for specialized equipment
- No curing time and product remain inert.
- Excellent resistance water, acid, salts or soil organics
- Non-perishable

KEY TECHNICAL DATA

PROPERTY	TYPICAL VALUES
PETROLATUM TAPE	
Color	Brown
Thickness	1.10mm
Width	50mm, 100mm, 150mm,
Length	10m
Density	1.5 kg/m ³
Tensile strength	>200N / 50mm
Elongation at break	10 %
Breakdown Voltage (55% overlap)	>12 KV
Chemical Resistance (7 days, 10 %) Hydrochloric acid	Excellent
Chemical Resistance (7 days, 20 %) Sodium chloride	Excellent
Chemical Resistance (7 days, 10 %) Sodium Hydroxide	Excellent
Application Temperature Range	-5° C – 55° C
Service Temperature Range	-50° C – 70° C
PETROLATUM PRIMER	
Specific Gravity	0.98
Flash Point	≥160° C
Solid Content	>90%
Covering Area	2-5 m ² / liter
Application Temperature Range	-5° C – 55° C
Service Temperature Range	-50 to 70°C (max)
PETROLATUM MASTIC	
Color	Yellow
Density	0.6g/ cm ³
Flash point	160° C
Application Temperature Range	-5 - 55° C
Service Temperature Range	-50° C – 70° C

PACKAGING INFORMATION

PRODUCT CODE	PACKAGE	HS CODE
CPT05010	Petrolatum tape 50 mm (W) *10m (L)	59061000
CPT10010	Petrolatum tape 100 mm (W) *10m (L)	59061000
CPT15010	Petrolatum tape 150 mm (W) *10m (L)	59061000
CPP004	Petrolatum primer	35069190
CPM003	Petrolatum mastic	35069190



APPLICATION

- Remove all loose rust, scale and flaking coating by wire brushing, scrapping or blast cleaning. Surface must be clean and dry.
- Use your hands, brush, gloves, rag or roller to apply a thin layer of Primer to the entire surface. The typical coverage area is 3-5 m²/liter
- Use any amount of primer to fill in uneven areas such as threads, potholes, and depressions
- In order to protect the entire surface and structure, such as valves, flanges, sleeve expansion joints, etc., use petrolatum mastic to fill the fill to achieve a neat outline and avoid gaps that need to be bridged when wrapping the petrolatum tape.
- Place the outer surface of the tape roll on the pipe. Wrap spirally around the pipe, for better protection overlap of each layer by at least 55%. Smooth the compound with a gloved hand.

STORAGE CONDITIONS

Store all components in their original packaging, standing upright, in cool and dry areas. Keep them away from heat, sparks, and open flames.

DISCLAIMER

All information presented here is based on laboratory tests. As we cannot control the condition of specific processing applications, we recommend testing the product in your laboratory before usage. No warranty, either expressed or implied is intended