

Petrolatum Jelly Paste

A paste for preventing corrosion of metal surfaces

Features



Free from VOC



It will not dry or harden for a long time



Water separation, oxidation prevention



Easy to use and simple to operate



This is a soft paraffin-based paste containing corrosion inhibitors, moisture-proofing agents, and flow control additives. It is formulated by melting and mixing at specific temperatures, resulting in a viscous paste with excellent compatibility with steel surfaces. The paste remains semi-solid for extended periods and offers properties such as rust prevention, waterproofing, and resistance to acids, alkalis, and salts. It is commonly used as a pre-treatment before applying petrolatum tape.

Description

Our petrolatum jelly paste is ideal as an anti-corrosion agent in humid and submerged environments. It effectively protects steel pipes, valves, flanges, tees, water tanks, storage vessels, piles, components, threaded joints, valve stems, and steel cables across various industries, including petrolatum, natural gas, liquefied natural gas (LNG), municipal water supply, wastewater treatment, chemical manufacturing, power generation, pharmaceutical production, heating systems, shipbuilding, ship repair, and construction engineering.

Storage and Shelf Life

This product should be stored in a cool, dry and ventilated place. During transportation, it must be protected from sun and rain. During storage, the temperature range should not be lower than 16°C (60°F) and higher than 49°C (120°F), and the humidity should not be higher than 90%. The shelf life is 36 months.

General Requirements for Applications

General Requirements: The area to be coated must remain clean, dry, and free of dust. All contaminants (including mill scale) must be removed.

Degreasing Treatment: Use toluene or heptane with lint-free cloth and other tools to degrease the surface.

Special treatment: For irregular shapes and concave working surfaces, fillers are used. Select our petrolatum putty and treat it after applying petrolatum jelly paste.

Project	Typical Value	Test Method
Flash Point	≥180°C (356°F)	ISO 3679
Solid Content	≥98%	ASTM D2697
Specific Gravity @(23°C/73.4°F)	1.08SI	ASTM D70, 09
Water Absorption Rate	≤0.10%	ASTM D570
Used as Petrolatum Tape Primer, Coating Amount	2 to 5m ² /kg (9.76 to 24.41ft ² /lb)	
Application Temperature	0°C to +40°C (32 to 104°F)	
Max Serve Temperature	+75°C (167°F)	
Packaging/Quantity	2.5kg plastic barrel, 25kg metal barrel	
Color	Brownish Yellow	

Application Instruction

Step 1

Minimum surface preparation should be ST2/SSPC-SP2 (Hand Tool Clean). Thoroughly remove any loose material, then clean the residue with toluene or heptane using a lint-free cloth.

Step 2

It does not matter when the working surface is wet, but there must be no drops or continuous water film.

Step 3

Apply with a hard brush or a hand wearing gloves, keeping it even and not missing.

Step 4

Apply Petrolatum Tape as needed or proceed to additional procedures.

For more technical inquiries, please visit our website.

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