



Product Data Sheet Petrolatum Tape ST

An integral component of the UCC Petrolatum System, providing long term corrosion protection for steel substrates in a multitude of environments.

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|--------------------|--|
| Description | UCC Petrolatum Tape is composed of a non woven synthetic fabric carrier fully impregnated with neutral petrolatum compound, stabilised with inert fillers and complemented with corrosion inhibitors |
| Uses | UCC Petrolatum Tape is deigned to provide long term corrosion protection to pipes, flanges, valves, and other fittings. |
| Features | <ul style="list-style-type: none"> - Surface Tolerance on marginally prepared substrates ; St 2.0 - Conforms to irregular shapes and profiles - Can be applied to cold, wet substrates - Unaffected by water, acid, salts, or bacterial attack - Encapsulates lead painted substrates - Nil VOC's - Ease of application at high and low temperature extremes - Ready for immediate service, no curing time. - Conforms with AWWA C 217-04 |
| Application | <ul style="list-style-type: none"> - Prepare surface to St 2 std. - Apply UCC Petroatum Primer to substrate ar spread rate of 3kg/m² approx. - Profile projections and voids with UCC Petrolatum Mastic. - Spirally apply tape incorporating 55% overlap to achieve a double thickness with circumferential turn. - Overwrap tape with UCC PVC OverWrap, spirally applied with 55% overlap |

| Solutions and Services from UCC | | | |
|-----------------------------------|-----------------------------------|-----------------------------|---------------------------|
| Pipeline | Marine | Civil | Process |
| Canusa Heat Shrink Sleeves | UCC MarineSeal Jetty Pile Systems | UCC VoidSeal Void Filler | Nu Bolt I-Rod System |
| Canusa HBE High Build Epoxy | 5 Star Pile Refurbishment Systems | JointSeal RC Jointing Tapes | PipeSeal Repair Bandage |
| Canusa Visco Elastic Coatings | UCC SteelSeal Sytem | JointSeal Road Repair Tapes | Coating Services Packages |
| UCC Petrolatum System | Nu Bolt I-Rod System | | |
| UCC Bitumen Uniflex Wrapping | UCC FlakeSeal Coatings | | |
| UCC 3-Ply Self Amalgamating Tapes | UCC Hatchseal Tape | | |
| UCC Rockshield PE Mesh | Coating Services Packages | | |
| Coating Services Packages | | | |

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| Properties | Test Method | Value |
|--------------------------------|-----------------------|----------------------------|
| Thickness | ASTM D1000 | 1.1mm to 1.5mm |
| Weight | 1.44kg/m ² | 1.44kg/m ² |
| Breaking Strength | ASTM D1000 | 6.0 N/mm |
| Elongation at Break | ASTM D1000 | 15% |
| Breakdown Voltage (2 layers) | ASTM D149 | >16kv |
| Water Vapour Transmission Rate | ASTM E96 | 0.25g/m ² /24hr |
| Cathodic Disbondment | ASTM G8 | <700mm ² |
| Application Temperature | Deg C | Minus 10 to + 45 |
| Service Temperature | Deg C | Minus 20 to +50 |
| Excursion Peak Temperature | Deg C | 55 |

| Product Packaging | | | |
|-------------------|-----------------|----------------|-------------------|
| Roll Width (mm) | Roll Length (m) | Rolls / Carton | Carton Weight (k) |
| 50 | 10 | 36 | 24 |
| 75 | 10 | 24 | 24 |
| 100 | 10 | 18 | 24 |
| 150 | 10 | 12 | 24 |
| 200 | 10 | 6 | 24 |

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