



# 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.**

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

| 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 <sup>2</sup> | 1.44kg/m <sup>2</sup>      |
| 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 <sup>2</sup> /24hr |
| Cathodic Disbondment           | ASTM G8               | <700mm <sup>2</sup>        |
| 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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