

- **GUARDIAN Mastic Filler Tape** is a non-hardening, butyl-based sealant strip. It is a permanently non-hardening compound
- **GUARDIAN Mastic Filler Tape** is a component of the **GUARDIAN Bituwrap & Butylwrap Tape Systems**. The product is utilized as a primary anticorrosion coating on steel substrates on both welded field joints and pipeline fittings. In addition, for the repair of damaged areas, cracks in factory coated pipes, contouring weld beads and field joint cut backs prior to wrapping welded joints, contouring seams on spiral and seam welded pipe, filling/wrapping of bolted flange fittings.

## PROPERTIES

| Property                 | Value            |
|--------------------------|------------------|
| Tensile Strength         | ASTM D1000       |
| Elongation               | ASTM D638        |
| Total Thickness          | 3mm              |
| Application Temperatures | -10 to 55°C      |
| Service Temperature      | -20 to 80°C      |
| Service Life             | 30 Years +       |
| Shelf Life               | 24 Months @ 23°C |

## APPLICATION

- Prepare steel to St2 (ISO 8501) minimum. Edges should be chamfered to remove step down. Approximately a 100mm band of the pre-existing factory coating should be abraded and solvent degreased either side of the joint.
- GUARDIAN Bituwrap Primer or Butylwrap Primer P27 is required prior to the application of the GUARDIAN Mastic Tape. The primer should be applied at a rate of 7 m<sup>2</sup>/L and allowed to tack-dry (5-10 minutes) prior to application.
- GUARDIAN Mastic Tape can be cut into smaller strips and molded into voids to prevent air entrapment, as well as applied spirally with a minimum 50% overlap (minimum 25mm) for field joint coating.
- GUARDIAN Mastic Tape shall be spirally or circumferentially wrapped without over tensioning. Apply a minimum of 25mm overlap between layers of tape.

## PACKAGING

| Part No. | Roll Width | Roll Length | Rolls* /Case |
|----------|------------|-------------|--------------|
| FG005304 | 50mm       | 10m         | 8            |
| FG005305 | 100mm      | 10m         | 4            |
| FG005306 | 150mm      | 10m         | 2            |

## BENEFITS

- Easy to apply by hand
- Over width Paper Interleaving
- Excellent temperature resistance
- Flexible \* non-hardening
- Compatible with both Butyl and Bituminous Rubber Tape Systems

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of Guardian's materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use prior to purchase.