

MAFLOWRAP®

Medium Duty Pipewrapping Tape Maflowrap 1000

DESCRIPTION

MAFLOWRAP 1000 tape is manufactured from robust high performance polyethylene film, laminated to a layer of specially formulated rubber modified bituminous adhesive and separated with a strong silicone coated release paper.

This self-adhesive tape, designed for cold application by hand or machine, combines strength and flexibility with ease of handling. Available in both Temperate and Tropical grades.

MAJOR AREAS OF USE

For Corrosion Protection

- Oil, gas, water and waste water pipelines
- Buried and Exposed Pipework
- Pipeline Joints and Fittings
- Valves, Couplings, Flanges and Flange Adaptors
- Tie bars, Rods and Cables
- Maintenance of existing pipework and fittings
- Field repairs to all types of coatings

For Pipeline Repair and Rehabilitation

For Continuous Pipewrapping by Hand or Machine

TYPICAL BENEFITS

- Flexible and conformable
- Immediate and aggressive bond to substrate and at overlap
- Long lasting protection
- Clean and easy to apply
- Easy to repair or replace after inspection
- Resistant to dilute mineral acids, alkalis and salts
- Non cracking and non absorbent to moisture
- Immediate effect with no curing time
- Compatible with, and can be used to overwrap, most pipeline coatings

STANDARD ROLL SIZES

| | |
|--------|---------------------------------|
| Length | 15m |
| Width | 50, 75, 100, 150, 225 and 300mm |

CHASE PROTECTIVE COATINGS LIMITED

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PRODUCT DETAILS

| TECHNICAL PROPERTY | UNIT | TEST METHOD | TYPICAL RESULTS |
|---------------------------------|------------------------|-------------|------------------|
| Total Tape Thickness | mm | ASTM D1000 | 1.00 |
| Backing Thickness | mm | ASTM D1000 | 0.125 |
| Tensile Strength | N/mm | ASTM D1000 | 5.0 |
| Tear Strength | N | ASTM D1004 | 20 |
| Elongation | % | ASTM D1000 | 400 |
| Impact Resistance (50% overlap) | Nm | ASTM G14 | 2 |
| Adhesion (180° Peel) | | | |
| - to Self | N/mm | ASTM D1000 | 2.0 |
| - to Primed Steel | N/mm | ASTM D1000 | 2.0 |
| Dielectric Strength | Kv | ASTM D1000 | 20 |
| Insulation Resistance | Ohm | ASTM D257 | 10 ¹² |
| Water Vapour Transmission | g/m ² /24hr | ASTM E96 | 0.6 |
| Water Absorption | % | ASTM D570 | 0.20 |
| Cathodic Disbondment Resistance | | ASTM G8 | Excellent |
| Temperature Range: | | Tropical | Temperate |
| For Storage | °C | Up to +50 | Up to +35 |
| For Wrapping | °C | +5 to +50 | +5 to +35 |
| In Service | °C | up to +75 | up to +55 |
| Primer | | | B400 |
| Standard Colour | | | BLACK |

Other MAFLOWRAP Tapes can be manufactured to meet specific requirements. In service temperatures can directly affect the life of the tape.

STORAGE GUIDELINES

MAFLOWRAP 1000 tapes should be stored in their original cartons until required for use. Store in dry, cool, well-ventilated conditions out of direct sunlight and other major sources of heat. Storage conditions should be adjusted before application to bring the temperature of the tape to within the relevant specified application range. Stock should be rotated on a first in/first out basis.

HEALTH & SAFETY

Material Safety Data Sheets are available on request

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