



PROTECTING YOUR WORLD

# STACwrap

## STACwrap Marine

SplashPro Petroleum Tape

### Description

Non-woven, stitch-bonded, synthetic fabric carrier; fully saturated and coated with a neutral petrolatum compound blended with inert fillers and corrosion inhibitors. Formulated with broad spectrum Biocides.

### Uses

For long-life corrosion protection, sealing and waterproofing of atmospheric buried and submerged metal surfaces. High degree of conformability and ideal for Ocean Pilings, Steel, Concrete, and Timber and Steel structures. Compatible with all SplashPro Ocean Protection Systems.

### Characteristics

STACwrap is stable in composition and plasticity over a wide temperature range. Formulated with Biocides.

STACwrap is non-hardening and non-cracking, which accommodates vibrations and extreme movement of the substrate.

STACwrap is non-toxic with high dielectric strength and highly resistant to mineral acids, alkalis and salts.

### Application

Spirally wrapped using a minimum 2.5 cm overlap; where additional protection is required, and for all buried applications, the overlap shall be increased to 55% to ensure a double thickness of material. For vertical applications the wrap shall begin at the bottom and proceed up – providing a “weatherboard” overlap. Requires SplashPro Outerwrap Jacketing or equivalent.

May apply longitudinally (i.e., “cigarette wrapped”) when space is too restricted or confined to apply in the preferred spiral manner, with the overlap on the topside of the pipe – providing a “weatherboard” effect.

At the completion of each roll, smooth the overlaps by hand in the direction of the spiral to ensure sealing of the overlap. Maintain a 5 cm overlap when overlapping one roll with the end of a new roll. Overlap must occur on the top half of the pipe.

| Particulars                             | Properties                 | Test Method |
|---|----------------------------|-------------|
| Thickness                               | 1.3mm avg.                 | ASTM-D1000  |
| Weight                                  | >1.5kg/m <sup>2</sup> avg. | ---         |
| Tensile strength                        | 200N / 50mm                | ASTM-D1000  |
| Cathodic disbondment                    | 180 mm <sup>2</sup> avg.   | ASTM-G8     |
| Dielectric rigidity (55% overlap)       | ≥ 16 kV                    | ASTM-D1000  |
| Water vapor permeability                | 0.006 perms avg.           | ASTM-E96    |
| Resistance to Acids, Alkalies and Salts | Excellent                  | ---         |
| Application temperature                 | -5 to +55 °C               | ---         |
| Operation temperature                   | -35 °C to +50 °C           | ---         |
| Recommended Primer                      | STACfill,<br>STACprime UW  | ---         |

Compliant with ANSI/AWWA C217 STANDARD

### Tape Dimensions

| Tape Width | m2/Roll | m2/Case | Recommended Application $\phi$ |
|------------|---------|---------|--------------------------------|
| 50 mm      | 0.50    | 18      | 15 – 25 mm                     |
| 75 mm      | 0.75    | 18      | 25 – 40 mm                     |
| 100 mm     | 1.00    | 18      | 40 – 80 mm                     |
| 150 mm     | 1.50    | 18      | 100 – 200 mm                   |
| 200 mm     | 2.00    | 16      | 250 – 600 mm                   |
| 300 mm     | 3.00    | 18      | ≥ 700 mm                       |

\* All rolls are 10 metres in length.

While all statements and data presented herein are believed to be accurate and reliable, they are given without expressed or implied warranty or guarantee unless otherwise stated.