



Technical Data Sheet

DESCRIPTION	<p>Serviwrap M30 is 1.65 mm cold applied coating designed to provide mechanical and heat protection to subsea pipeline joints which are being filled with marine mastic and foam. Once the joint filling and wrapping is completed, the tape provides protection against corrosion and electrolysis of the substrate. The product is designed to resist both post weld heat and abrasive effects of the heat of the marine mastic infill and the foam.</p> <p>Serviwrap M30 can be provided in either a Temperate grade (M30A) or Tropical grade (M30B) depending on the application location.</p>
RECOMMENDED USE	For the protection of butt weld joints on concrete weight coated submarine pipelines
SUBSTRATE COMPATIBILITY	Steel, Stainless Steel, Ductile Iron, Other Metals, Enamels, FBE, PE, Plastic
SURFACE PREPARATION	<p>The surface to be wrapped should be as clean as possible. Remove metal burrs and other projections, and all loose matter, any existing coatings, dirt, rust and foreign debris. Ensure all oil and grease is removed with solvent.</p> <p>Inspect old pipework or factory coatings and remove any loose coating back to sound material with wire brushing. Where new or existing steelwork has been subjected to chemical attack, salt spray, fungi or bacteria other methods may be used.</p>
PRIMER	Serviwrap M30 does not require a primer to allow for permanent adhesion.
SAFETY	Refer to Safety Data Sheet: SDS-SERVIWRAP
APPLICATION	Refer to Application Guidelines: AG-COLD-APPLIED-BITUMEN-TAPE

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Typical Data

Property	Metric	US Customary	Test Method
Total Thickness	1.65 mm	65 mils	ASTM D1000
Backing Thickness	0.75 mm	29.5 mils	ASTM D1000
Adhesive Thickness	0.90 mm	35.4 mils	ASTM D1000
Cathodic Disbondment, 30 days	<10 mm radial	<0.4 in ²	ASTM G8
Adhesion to Self*	2.75 N/mm	15.7 lb/in	ASTM D1000
Adhesion to Primed Steel*	2.75 N/mm	15.7 lb/in	ASTM D1000
Tensile Strength	16.1 N/mm ²	1900 psi	ASTM D638
Tensile Modulus	21.5 N/mm ²	3125 psi	ASTM D638
Elongation	290%	290%	ASTM D638
Dielectric Strength	40 kV	40 kV	BS2782
Holiday Detection Setting	10 kV	10 kV	NACE RP0274
Impact Resistance	15 J	130 in lb	ASTM G13
Insulation Resistance	10 ¹² Ohms/cm ²	10 ¹² Ohms/cm ²	ASTM D257
Storage Temperature Range	<50°C	<122°F	
Application Temperature Range M30A Temperate M30B Tropical	+5°C to +35°C +5°C to +60°C	+41°F to +95°F +41°F to +140°F	
Service Temperature Range	-20°C to +110°C	-4°F to +230°F	

* Peak Mean Adhesion

ORDERING INFORMATION

Dimension	Sizes Available
Width	50, 100, 150, 225, 300, 450 mm
Length	15 - 60 m