

Description

S2S PLID Wrap Anti-Corrosion Tape is an industrial wax-based tape infused with an S2S high-performance, long-lasting rust inhibitor.

S2S PLID Wrap Anti-Corrosion Tape provides long-term adhesion to metal surfaces and requires no primer paste. Application is a simple, one-step process with minimal surface preparation. Unlike other petro tapes that require a 50-55% overlap, S2S PLID Wrap Anti-Corrosion Tape requires a 30% overlap, resulting in substantial time and cost savings.

Features

- Minimal surface preparation
- One-step application; no primer paste required
- Can be applied to wet, cold, painted and rusted surfaces
- Can be applied above and below ground
- Zero corrosion after >1000 hrs in ASTM B117-18 salt spray test
- Wide range of operating temperatures
- Conforms to irregular shapes and profiles
- Long-lasting adhesion; does not sag
- Stops rust and corrosion long-term
- Works on dissimilar metals
- Non-toxic

Uses

- Piping • Pipelines • Fittings • Hydraulic hose fittings • Flanges • Valves • Dissimilar metals
- Corrosion under insulation (CUI) • Structural steel and support bases
- Pilings and pier structures • Threaded connectors • Offshore platforms
- Water Treatment Plants • Fertilizer Plants • Marine applications

Application

1. Calculate product requirement. For assistance, see the Calculator Guide at www.ship-2-shore.com.
2. Prepare surface by removing debris, dirt and degreaser. S2S PLID Wrap Anti-Corrosion Tape can be applied to wet, dry, rusted and painted surfaces. No primer paste required.
3. Spirally wrap the tape with a 30% overlap for 2" tape and a 1" overlap for 4" tape, ensuring tape remains in constant contact with the surface.
4. For irregular surfaces, cut the tape and run strips along the surface. Overlap minimum of 30% or 1". The tape is extremely pliable and will conform to any shape.
5. For underwater and subterranean applications, an outer wrap is recommended. Please contact your sales representative for information.

For additional information, see the **S2S Application Guide** at www.ship-2-shore.com



Removal

For surface inspection, simply cut the tape and pull it back. Once inspected, the tape will conform back to its original form. For extra protection, add a strip of tape over the cut. For permanent removal, simply peel away the tape. A protective coating of S2S rust inhibitor will remain on the underlying surface. If removal of the rust inhibitor is needed, wash with a high pH soap and water.

Disposal

Dispose of in accordance with applicable regional, national and local laws and regulations.

Storage

Store in a well-ventilated place at room temperature. Shelf life is greater than 2 years.

Data Specifications

Appearance	Soft paste on cloth carrier
Physical State	Solid
Salt Spray Chamber	>1000 hours (ASMT B117)
VOC content	wt. 50 g/L
Thickness	30.1 mils (ASTM D1000-17)
Adhesion to Steel	58 ozF/in. (ASTM D1000-17)
Dielectric Strength	140 V/mil (ASTM D1000-17)
Cathodic Disbondment	0 mm corrosion at holiday due to cathodic protection: (ASTM G8-96(19))
Breaking strength and Elongation	20lbF; 47% elongation (ASTM D1000-17)
Water Vapor Transmission	1.3 perms (ASTM E96-16 Procedure A)
Flash Point	152°C + / - 4°C (lowest temp: 148°C) (ASTM D3828)

Available in: 2" x 10 yd. roll, 2" x 3 yd. roll, 4" x 10 yd roll.

Also available in custom colors and sizes.

All information on this data sheet is based on testing by Ship 2 Shore Inc. All products should be tested for suitability on a particular application prior to actual use. Ship 2 Shore Inc. makes no representations or warranties of any kind concerning this data. Supporting data available upon request. This data sheet replaces previous versions prior to 05/01/21.