

Wax Wrap System

Step-by Step Installation Guide

Long lasting, external corrosion protection for metal substrates, including pipelines, valves, and flanges. VOC-free and requires no cure time, allowing immediate return to service.

STAGE 1

SURFACE PREPARATION

Clean to SSPC-SP 2 Standard

Use solvent to remove deposits of oil, grease, and other contaminants per SSPC-SP 1. Use hand tools to remove all loose mill scale, rust, paint, dirt, and foreign material.

STAGE 2

APPLY WAX WRAP PRIMER

Displace Moisture with a 1-3 Mil Coat

Apply the primer with a gloved hand or brush to all areas. Rub firmly to ensure the primer adheres to the metal and displaces moisture if present.

STAGE 3

FILL VOIDS (IF NEEDED)

Apply Profile Putty to Smooth Contours

Press Profile Putty into complex voids that the Wax Wrap cannot easily fill, such as flange bolts, nuts or other shapes. Create a surface for the Wax Wrap to easily follow.

Visual Inspection Extend Primer 1-2 Inches Beyond Wrap Zone
The primer should extend 1 - 2" past the area to be wrapped.

STAGE 4

APPLY WAX WRAP

Secure with Proper Overlap

Once wrapped, mold the Wax Wrap by hand to ensure it is sealed and perfectly conformed to the substrate.

STAGE 5

WRAPPING IRREGULAR SHAPES

Leave Slack for Complete Contouring

When wrapping flanges or tees, leave slack in the wrap to allow it to be pressed in and conform to the shape without bridging over gaps.

STAGE 6

FINAL SEAL

Press and Smooth All Seams

Once wrapped, mold the wax-based tape by hand to ensure it is self-sealed and perfectly conformed to the substrate.

SYSTEM SPECIFICATIONS & PERFORMANCE ADVANTAGES

Wax Wrap HT

For high temperature applications with protection up to 250°F (121°C) (Red)
A 70-mil thick red petroleum compound designed for high-operating temperatures and infrastructure applications.

Wax Wrap 60

For use in above or below grade applications with protection up to 170°F (76°C) (Grey)
60-mil thick wraps tailored for UV resistance.

Wax Wrap (Below Grade)

For use on below grade applications with protection up to 170°F (76°C) (Brown)
60-mil thick, high-performance, petroleum-based, corrosion protection system for underground pipelines, valves, fittings, and metal structures.

Applications: Oil, gas, water & wastewater pipelines

Performance Advantages

Zero Cure Time, Immediate Return To Service

The system is VOC-free, non-toxic, and allows for immediate backfilling or painting once applied.