



Sailor Putty

Technical Data Sheet

Date of Preparation: December 23, 2025

DESCRIPTION

S2S Sailor Putty is a petrolatum-based anti-corrosion wrap designed for application to fittings, penetrations, and interfaces where corrosion mitigation is required without restricting inspection, disassembly, or continued system operation.

The product functions as a persistent preservative, providing immediate corrosion control by excluding moisture and contaminants while delivering active corrosion inhibition beneath the wrap. Sailor Putty Anti-Corrosion Tape is intended for use as a temporary, maintainable solution to arrest corrosion and support fleet readiness until full maintenance or depot-level repair can be performed.

The tape is infused with CPC500, a corrosion preventive compound listed on the Qualified Products List (QPL) under MIL-PRF-16173E, providing corrosion protection characteristics aligned with approved naval preservation systems.

FEATURES

- Petrolatum-based anti-corrosion tape
- Functions as a persistent preservative for temporary corrosion mitigation
- Infused with CPC500, a MIL-PRF-16173E QPL-listed corrosion preventive compound
- Non-hardening and pliable; conforms to irregular shapes and profiles
- Excludes moisture and contaminants from wrapped surfaces
- Self-healing wrap maintains coverage under vibration and movement
- No curing time required
- Suitable for ferrous and nonferrous metals

USES

- Kick pipes and pipe penetrations
- Watertight electrical fittings and interfaces
- Stuffing tubes and similar deck and bulkhead penetrations
- Flanges, couplings, and threaded connections
- Mechanical interfaces with complex geometry
- Temporary corrosion mitigation where inspection access must be preserved
- Shipboard systems requiring continued operation prior to scheduled maintenance

TECHNICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS — NOT SPECIFICATIONS

- Product form: Petrolatum-based anti-corrosion tape
- Wrap behavior: Pliable; self-healing; removable
- Corrosion protection mechanism: Moisture exclusion and active inhibition
- Preservation role: Persistent preservative supporting fleet readiness
- Cure time: None



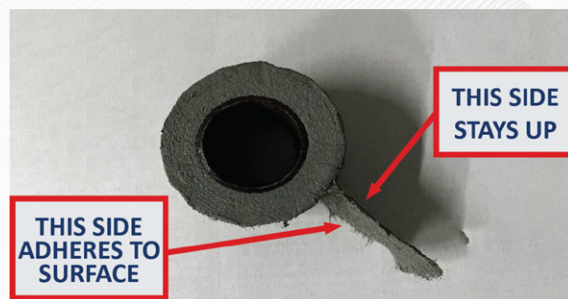
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APPLICATION

1. No primer paste is required.
2. Remove loose dirt, debris, and heavy contamination prior to application. Sailor Putty may be applied to wet, dry, rusted or painted surfaces. Residual oil or light grease may be present, provided adequate adhesion can be achieved.
3. For areas with complex geometry where full contact cannot be achieved with tape alone, Sailor Paste may be used to fill gaps or corners and create a smooth, continuous surface prior to wrapping.
4. Wrap the tape with the correct side against the surface, extending the wrap approximately $\frac{1}{4}$ to $\frac{1}{2}$ inch onto adjacent structure where practical to exclude moisture. Apply with a $\frac{1}{4}$ to $\frac{1}{2}$ inch overlap to ensure continuous coverage.
5. Press the tape firmly into place using hand pressure to conform the material to the substrate and eliminate gaps, voids, or air pockets. Smooth the installed tape to produce a uniform appearance.
6. The tape remains pliable after application and does not cure or harden.
7. Inspect periodically and rework or reapply as necessary to maintain continuous coverage and corrosion protection.



INSPECTION AND REMOVABILITY

Sailor Putty is designed to be removable to support inspection, disassembly, and maintenance activities. The tape may be cut and peeled back to allow visual inspection of the underlying surface.

A protective film of corrosion inhibitor remains on the metal surface after tape removal. If desired, this corrosion-inhibiting film may be removed by washing the surface with a high-pH detergent and water, in accordance with applicable maintenance procedures

STORAGE

Store in closed packaging in a cool, well-ventilated area. Protect from excessive heat, dirt, and contamination.

AVAILABLE PACKAGING

Sizes: Rolls of 2"x10', 4"x10', 6"x10', 8"x10'

Colors: White, Grey, Black, Terracotta

All information on this data sheet is based on testing, operational experience, and product knowledge by Valkyrie Enterprises. All products should be evaluated for suitability for a particular application prior to use. Valkyrie Enterprises makes no representations or warranties of any kind concerning this data.