

A single component, neutral-curing silicone sealant for general sealing of penetrations and joints in marine structures, including joiner panel construction and C-Class divisions.

Product Features

- Tested to 2010 IMO FTP Code, Annex 1, Part 5 (Surface Flammability) and ISO 1716: 2010 (Calorific Potential)
- Easy to install and easy to repair; auto-bonding
- For joiner panel construction as a joiner sealant
- Water and gastight
- Flexible to accommodate vibration
- Complies with the cyclic movement criteria of ANSI/UL 2079 for 500 movement cycles
- Resistant to aging and weathering
- Non-corrosive and non-conductive
- Skins over quickly to resist water
- Ozone and UV resistant
- For interior or exterior penetrations
- Does not contain asbestos or PCBs
- Reacts with atmospheric moisture to form a high-strength, durable seal that will adhere to most marine structures without the use of primers
- Tested for compatibility with CPVC pipes

Installation Instructions

General Notes: Read Safety Data Sheet (SDS) and product label for safe handling. For further information regarding installation requirements, please refer to the corresponding Approval.

Step 1: All surfaces shall be clean, sound, dry, frost-free, and free of bondbreaking contaminants and loose material.

Step 2: Install Marine Silicone Sealant.

Step 3: Smooth sealant surface before skin forms.

Limitations

This product has been designed to be safe with plastics. It has been used extensively and successfully with various types of plastic pipes, tubes, and plastic cable insulations. Variations in these materials, however, make it impossible to guarantee compatibility. STI strongly recommends that the user consults with the pipe, tubing, or cable manufacturer in question regarding any known sensitivities or potential restrictions before applying this product.

Maintenance

This product is maintenance free. Observed damage can be repaired with Marine Silicone Sealant.

Third Party Approval / CPVC Compatibility



PHYSICAL PROPERTIES - AS SUPPLIED

| | |
|---------------------------------------|-------------------------------|
| Consistency | Paste |
| Percent Solids | 100% |
| VOC (ASTM D2369) | 20 g/L |
| Tooling Time | 25-30 Minutes |
| Tack Free (ASTM C679 @ 77°F/50%RH) | 3-4 Hours |
| Storage Temperature | <27°C (<80°F) |
| Application Temperature | -37°C (-35°F) to 60°C (140°F) |
| Shelf Life | 18 Months |
| Density | 1.4 kg/L (11.6 lbs/gal) |
| Viscosity | 1,200,000 cps |

PHYSICAL PROPERTIES - CURED

| | |
|--|--------------------------------|
| Color | Limestone Gray |
| In Service Temperature | -37°C (-35°F) to 177°C (350°F) |
| Movement (ASTM C719) | 50% |
| Flame Spread (ASTM E84/UL723) | <5 |
| Smoke Development (ASTM E84/UL723) | <45 |
| Accelerated Aging tested to ASTM E1641 & ASTM E1877 (Using Thermogravimetric Analysis (TGA) @ 20°C) | >30 Years |

ORDERING INFORMATION

| Catalog Number | UPC Number | Description | (UOM) Qty. | Case Qty. | Weight (Each) |
|----------------|--------------|---|------------|-----------|--------------------|
| MSL300 | 730573013243 | Marine Silicone Sealant packed in a 10.1 oz. Caulking Tube (18.2 cu. in., 300 ml) | 1 | 12 | (0.47 kg) 1.03 lbs |

