

# MFS - Marine Firestop Sealant

A single component, flexible, hybrid-polymer firestop sealant for use as a penetration seal in fire-rated bulkheads and decks.

## Product Features

- Tested to 2010 IMO FTP Code, Annex 1, Part 3 (Class A-0 through A-60 and H-0 through H-120 Bulkheads and Decks)
- Flexible to accommodate vibration
- Resistant to aging and weathering
- Non-corrosive and non-conductive
- Fast Curing
- Ozone and UV Resistant
- For interior or exterior penetrations
- Excellent chemical resistance protects in polluted or corrosive environments
- Provides superior sealing function to prevent the passage of fire, smoke, hot gases, sound, conditioned air, and water
- Easy to install and easy to repair; Auto-Bonding

## Installation Instructions

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

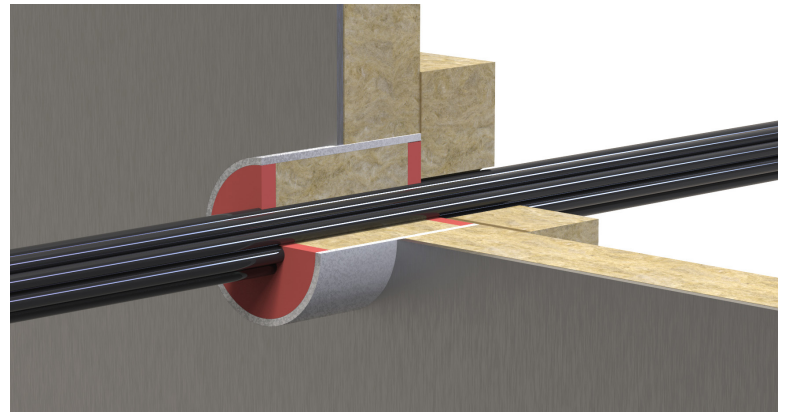
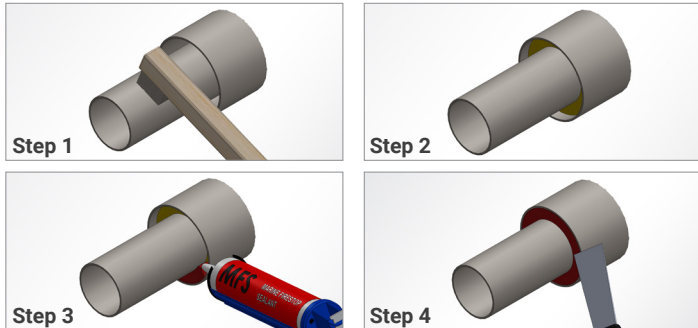
Step 1: All surfaces shall be clean, sound, dry, frost-free, and free of bond-breaking contaminants and loose material.

Step 2: Install backing material (as required).

Step 3: Install MFS sealant.

Step 4: Smooth sealant surface with trowel or tooling knife before skin forms.

Note: Min. 6 mm spacing needed for water and gastightness



## PHYSICAL PROPERTIES - AS SUPPLIED

Consistency	Paste
Percent Solids	>99.0%
VOC (ASTM D2369)	11 g/L (<2%)
Tooling Time	15-20 Minutes
Tack Free (ASTM C679 @ 77°F/50%RH)	2-3 Hours
Storage Temperature	4°C (40°F) to 35°C (95°F)
Application Temperature	4°C (40°F) to 65°C (149°F)
Shelf Life	18 Months
Density	1.5 kg/L (12.5 lbs/gal)
Viscosity	400,000 - 600,000 cps

## PHYSICAL PROPERTIES - CURED

Color	Red
In Service Temperature	-40°C (-40°F) to 93°C (200°F)
Movement (ASTM C719)	25%
Flame Spread (ASTM E84/UL723)	<25
Smoke Development (ASTM E84/UL723)	<50
Accelerated Aging tested to ASTM E1641 & ASTM E1877	>20 years

## 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 MFS Sealant per the original approved design.

## Third Party Approvals



## ORDERING INFORMATION

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
MFS100	730573413104	Marine Firestop Sealant packed in a 9.5 oz. Caulking Tube (17.1 cu. in., 281 ml)	1	12	0.53 kg (1.16 lbs)

