

Two-component RTV silicone foam for use as a penetration seal for pipes and cables in fire-rated bulkheads and decks.

Product Features

- Tested to 2010 IMO FTP Code, Annex 1, Part 3 (Class A-0 through A-60 Bulkheads and Decks)
- Highly resilient to accommodate vibration
- Mixed at a 1:1 ratio to form a soft, expanding foam
- Resistant to aging and weathering
- Ozone and UV Resistant
- For interior penetrations
- Uniform cell structure
- Easy to install and easy to repair

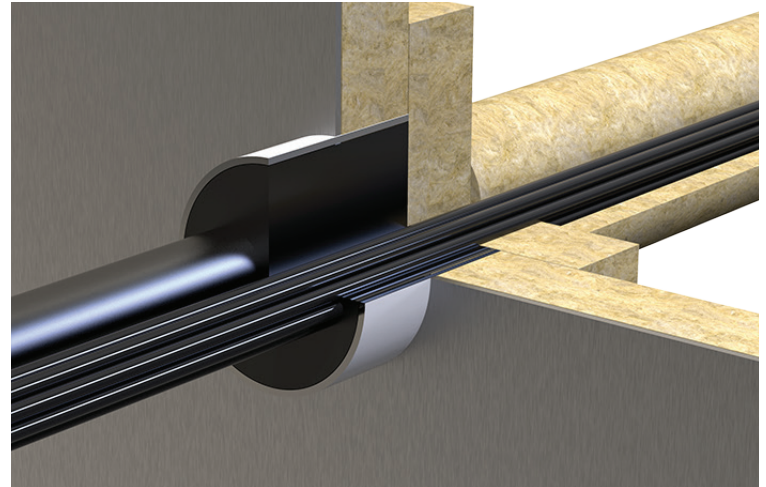
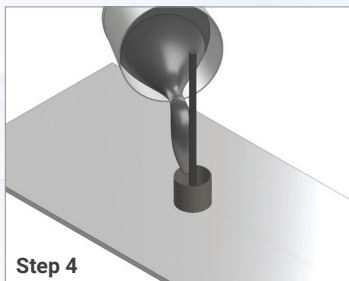
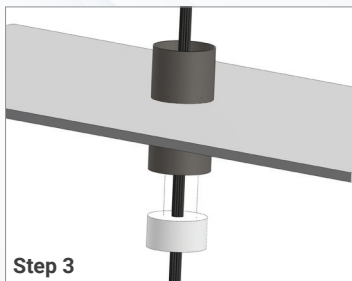
Installation Instructions

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. Stir each pail with a clean paddle or mixer. Pour equal part into single container.

Step 2: Mix equal parts of Part A & B. Mixing may be accomplished with paddle mixer in a container or by specialized mixing and metering equipment. Mix aggressively for 30 seconds prior to pouring contents into penetration opening. Step 3: Install damming material. Note: Product is installed in liquid form and damming is required.

Step 4: Pour product into opening. Product will react in 90 seconds to 5 minutes and expand from 2 to 4 times its original volume. Incomplete mixing will result in a non-homogenous product with characteristic marbled appearance.



PHYSICAL PROPERTIES - AS SUPPLIED

Appearance	Black Liquid	Off-White Liquid
Specific Gravity	1.21	1.21
Consistency	Pourable	Pourable
Viscosity	75 Poise	75 Poise
Storage Warranty Period*	6 Months	6 Months
Cured Properties	Equal Parts A and B 1:1 Mix ratio as cured 12 hours @ 25°C (77°F)	
Work Life (After Mix)**	100-300 Seconds @25°C (77°F)	
Appearance	Black RTV Foam	
Density	14-18 lb./cu.ft. (225 kg/m ³ to 285 kg/m ³)	
Yield Per 100 lb Kit: (Parts A+B)	5.5 to 7 cu. ft. (0.16 to 0.2 m ³) (depending on density)	
Specific Gravity	0.29	
Cellular Structure	Approx. 50% Closed Cell	
Oxygen Index	28 Minimum	
Application Temperature	10°C (50°F) to 32°C (90°F)	
Shelf Life	18 Months	
In Service Temperature	-37°C (-35°F) to 60°C (140°F)	
Storage Temperature	< 27°C (80°F)	

* From data of shipment stored in original unopened container @ 80°F(27°C).

** Work life is the time during which the product remains pourable after mixing at 1:1 ratio.

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 MRF Marine Firestop Foam per the original approved design.

ORDERING INFORMATION

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
MRF500	730573439111	22.7 kg (50 lb) Part A and 22.7 kg (50 lb) Part B [each supplied in a plastic pail]	1	N/A	45.4 kg (100 lbs)