

MFP Marine Firestop Pillows resemble small cushions or soft, highly flexible, compressible bricks. They consist of a mineral fiber core material sealed with a water-resistant intumescent membrane and heat-sealed in a tough, non-irritating, fire retardant polyethylene bag. Available in a variety of sizes, multiple pillows are hand compressed and installed lengthwise through various type and sized sleeved or framed openings containing one or more cables or cable bundles. Designed to be installed from a single side to provide a superior fire and smoke stop in A and H Class divisions in marine and offshore construction. They comply with International Maritime Organization (IMO) standards.

## Product Features

- Tested to 2010 IMO FTP Code, Annex 1, Part 3 (Class A-0 through A-60 Bulkheads and Decks and H-0 through H-120 Decks)
- Flexible to accommodate vibration
- Rapid expansion
- Resistant to aging and weathering
- High volume of char
- Quick and simple install
- No tools required
- Compresses and rebounds
- Foldable
- Accommodates custom size openings
- Ozone and UV Resistant
- Compact and light weight
- Excellent chemical resistance
- Easily installable and retrofitable
- Maintenance Free

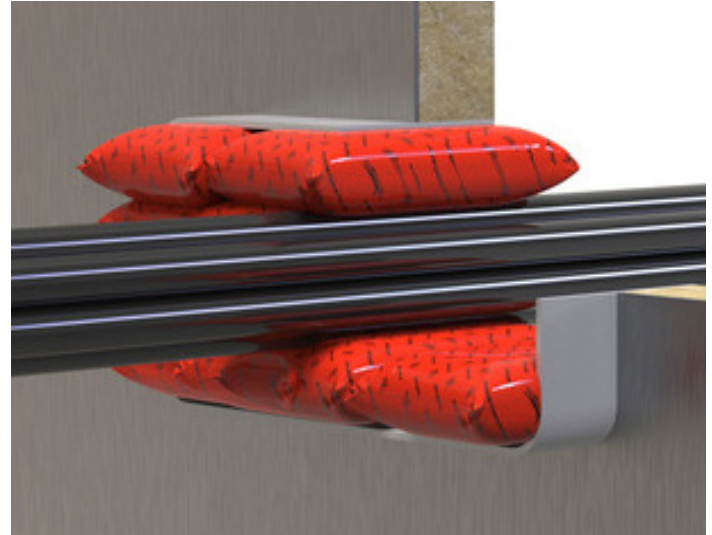
## Limitations

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

Maintenance free. Observed damage can be repaired per the original approved design.

## Third Party Approvals



## PHYSICAL PROPERTIES

Color	Red
Density	64 kg/m <sup>3</sup> (4 pcf)
Flammability* (UL 94, Outer Poly Bag)	V-0
Compression*	25% - 33%
Air Leakage (UL 1479, Pillows Only)	<5.08 [l/s]/m <sup>2</sup> (<1 CFM/ft <sup>2</sup> )
In Service Temperature	≤54°C (130°F)
Storage Temperature	<49°C (120°F)
STC Rating (ASTM E 90-04)	60 (Relates to specific construction)
VOC Content**	0.0 g/l (0.0 lbs/gal)
Shelf Life	No Limit

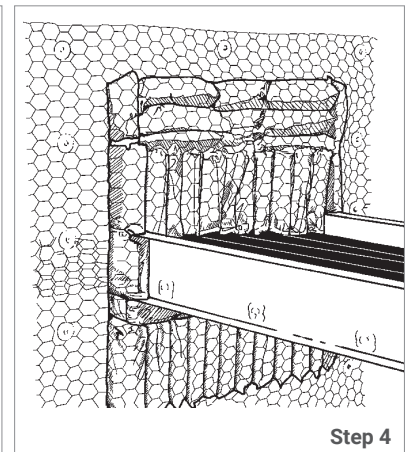
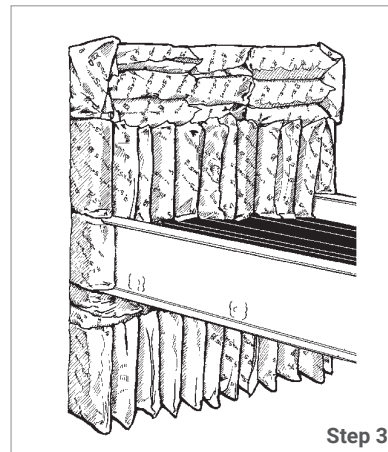
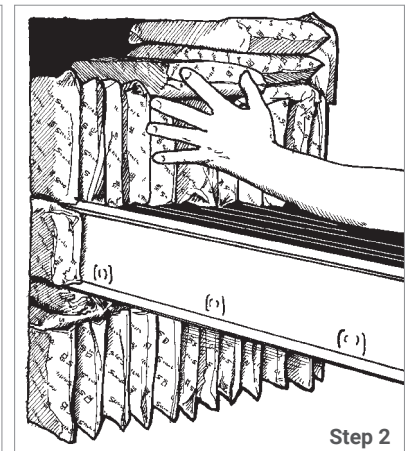
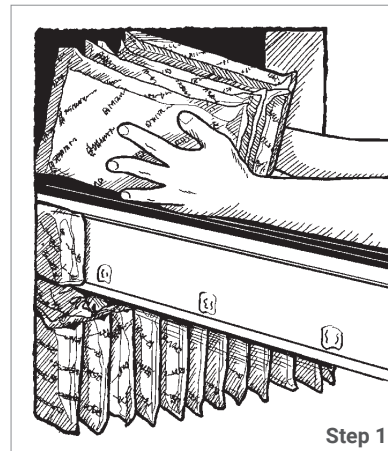
\*As Installed

\*\*Per SCAQMD Rule 1168 (EPA Method 24)

## Installation Instructions

General Notes: Read Safety Data Sheets (SDS) and product label for safe handling.

- Step 1: Inspect area to be protected and remove any sharp edges or protruding wires or ties that could damage polyethylene bag.
- Step 2: STI Marine Firestop Pillows are required to be installed with a minimum 30 percent compression factor to ensure a tight seal is achieved.
- Step 3: Compress and install pillows lengthwise around penetrates through the bulkhead or deck such that ends project an equal distance from the approximate centerline of the division.
- Step 4: Pillows are to be installed with the bags intact. It is not necessary to open the poly bags.
- Step 5: As an option, cover plates or wire mesh may be installed on one or both sides as required to provide secondary support or tamper resistance.
- Step 6: As an option, pillows may also be glued together with MFS Marine Firestop Sealant, if extreme vibration is a concern.



## ORDERING INFORMATION

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
MFP149	730573440001	Marine Firestop Pillow, 25 mm x 102 mm x 229 mm (1" x 4" x 9")	1	20	0.09 kg (0.19 lbs)
MFP249	730573440018	Marine Firestop Pillow, 51 mm x 102 mm x 229 mm (2" x 4" x 9")	1	10	0.14 kg (0.31 lbs)
MFP269	730573440025	Marine Firestop Pillow, 51 mm x 152 mm x 229 mm (2" x 6" x 9")	1	22	0.18 kg (0.39 lbs)
MFP369	730573440032	Marine Firestop Pillow, 76 mm x 152 mm x 229 mm (3" x 6" x 9")	1	16	0.25 kg (0.55 lbs)