



**The Fastest and Most Flexible Fire and Watertight Sealing System For Fire-Rated Bulkheads & Decks**

**SYSTEM COMPONENTS AND 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)
- Quick and Easy to Install
- Safe and Simple to Clean Up
- Provides Water and Gastight Ratings for Pipes and Cables
- Conforms to Virtually Any Condition Including Irregularly Spaced Penetrants

**MPACT® Noncombustible Filler Blanket**

- Convenient Roll Form can be Cut-to-Length
- Packs Easily Between Penetrants
- Better for Adhesion than Traditional Fibrous Packing Materials
- Supple, Non-Friable and Asbestos-Free

**MPACT® Marine Firestop Sealant**

- Advanced Hybrid Polymer Sealant Technology
- Offers Better Water Resistance than Conventional Silicone Sealants
- Forms a Tight Seal; Prevents Transmission of Air, Smoke and Gasses
- Safe, Environmentally Friendly Formula; Halogen-Free
- Ozone and UV Resistant; Suitable for Interior or Exterior Penetrations

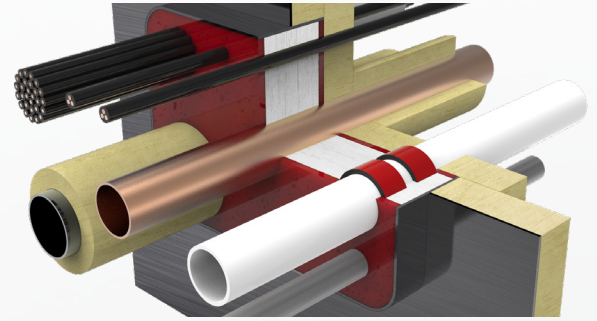
**MPACT® Marine Wrap Strip**

- Economical Solution for Firestopping Combustible Penetrants
- Provides Rapid Intumescent Expansion
- Ideal for Nonmetallic Pipes or Pipe Insulation
- Flexible; Conforms to Penetrants

**PHYSICAL PROPERTIES:**

**MPACT® Noncombustible Filler Blanket**

Property – As Supplied	Value
Color:	Off-White
Thickness:	2.5 cm (1 inch)
Density:	160 (10 pcf)
Noncombustible (IMO 2010 FTP, Part 1)	Yes
Max. Temperature (In-Service)	982°C (1,800°F)
Fiber Melting Temperature	>1,193°C (>2,179°F)
IARC Classification	Group 3: Not Classifiable As Carcinogenic to Humans (Biosoluble Fiber)
Recycled Content:	100%



**PHYSICAL PROPERTIES (CONTINUED):**

**MPACT® Marine Firestop Sealant**

Property – As Supplied	Value
Consistency:	Paste
Percent Solids:	>99.0
VOC (ASTM D2369):	11 g/L (<2%)
Tooling Time:	15-20 minutes
Tack Free (ASTM C679 @ 77F/50RH):	2-3 hours
Storage Temperature:	4°C (40°F) - 35°C (95°F)
Application Temperature:	4°C (40°F) - 65°C (149°F)
Shelf Life:	18 months
Weight Per Gallon:	5.7 kg (12.5 lbs)
Viscosity	400,000 - 600,000 cps
Property – Cured	Value
Color:	Red (MFS100, MFS120) or Black (MFS100BLK)
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

**MPACT® Marine Wrap Strip**

Property – As Supplied	Value
Color:	Red
Thickness:	6mm
Expansion Begins:	160°C (320°F)
Volume Expansion	30 to 60x
In Service Temperature	Less Than 54°C (129.2°F)
Storage Temperature:	Less Than 49°C (120.2°F)
Shelf Life:	No Limit



**INSTALLATION INSTRUCTIONS:**

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

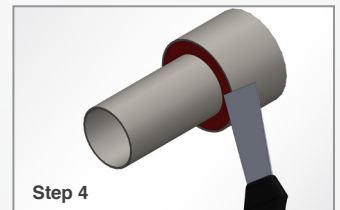
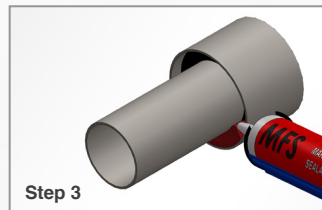
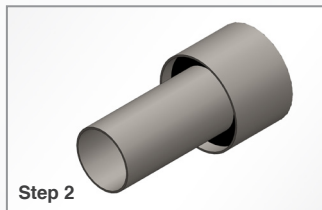
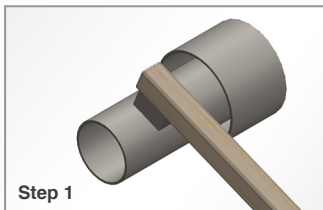
Step 1: All surfaces shall be clean, sound, dry, frost-free, and free of bond-breaking contaminants and loose material.

Step 2: Install MPACT Filler Blanket and Marine Wrap Strip (as required).

Step 3: Install MFS Marine Firestop Sealant.

Step 4: Smooth sealant surface with trowel, tooling knife or wet low lint rag before skin forms.

Note: Min. 6 mm spacing needed for water and gas tightness



**ORDERING INFORMATION:**

UPC# 730573	CAT. NO.	DESCRIPTION	CASE QTY.	WEIGHT
41310	MFS100	MPACT® Marine Firestop Sealant, red*, 281 mL cartridge (9.5 oz/17.1 cubic inch)	12	0.50 kg (1.18 lb)
41315	MFS100BLK	MPACT® Marine Firestop Sealant, black*, 281 mL cartridge (9.5 oz/17.1 cubic inch)	12	0.50 kg (1.18 lb)
41312	MFS120	MPACT® Marine Firestop Sealant, red*, 590 mL sausage (20 oz/36.1 cubic inch)	12	0.88 kg (1.95 lb)
44005	MFB530	MPACT® Filler Blanket, noncombustible packing material, 12.7 cm x 914 cm (5" x 360") roll	5 Rolls	6.11 kg (13.46 lb)
44010	MFB530F	MPACT® Noncombustible Filler Blanket w/ Foil on One Side, 12.7 cm x 914 cm (5" x 360") roll	5 rolls	4.94 kg (10.9 lb)
44011	MFB730	MPACT® Noncombustible Filler Blanket, 17.8 cm x 914 cm (7" x 360") roll	3 rolls	6.62 kg (14.6 lb)
44004	MWS250	Marine Wrap Strip, 6 mm thick x 50 mm wide x 365 cm (0.25" x 2" x 14")	8 Rolls	1.53 kg (3.38 lb)

\*Custom colors may be available. Minimum order quantities apply.

**MAINTENANCE:**

This product is maintenance free. Observed damage can be repaired with MFS Sealant per the original approved design.

**LIMITATIONS:**

Although designed to be safe for use with plastic pipes, due to formula variations and different polymer technologies, physical compatibility has not been evaluated. Consult plastic pipe manufacturer for known sensitivities or potential restrictions before applying this product.

**WARRANTY INFORMATION:**

[www.stimarine.com/legal/warranty](http://www.stimarine.com/legal/warranty)

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**APPROVALS:**

