

## STI MARINE

# Marine Watertight Firestop Collars

Water-tight, factory-manufactured, intumescent device for use as a penetration seal in fire-rated bulkheads and decks.

## PRODUCT FEATURES:

- Tested to IMO A.754 FTP (Class A0-A60, B0-B30, and H0-H120 Bulkheads and Decks)
- Fits most standard pipe sizes 16mm – 324mm (English sizes also available)
- Provides water-tightness up to 3.5 bar and gas-tightness up to 1 bar
- Rapid intumescent expansion under fire conditions quickly seals off the path for fire, gases, and smoke
- Stainless steel body with mild steel flange for weld-attachment or steel screws
- Solid design requires pipe to be inserted through the water-tight bushing
- Flexible, thick, intumescent liner accommodates vibration and will not damage pipe
- Resistant to aging and weathering

## THIRD PARTY APPROVALS:



## ORDERING INFORMATION

| WWM Item #  | Description                  | CASE QTY. |
|-------------|------------------------------|-----------|
| STI-MFC16W  | 16mm Marine Firestop Collar  | 12        |
| STI-MFC20W  | 20mm Marine Firestop Collar  | 12        |
| STI-MFC25W  | 25mm Marine Firestop Collar  | 12        |
| STI-MFC32W  | 32mm Marine Firestop Collar  | 6         |
| STI-MFC40W  | 40mm Marine Firestop Collar  | 6         |
| STI-MFC50W  | 50mm Marine Firestop Collar  | 6         |
| STI-MFC60W  | 60mm Marine Firestop Collar  | 6         |
| STI-MFC63W  | 63mm Marine Firestop Collar  | 6         |
| STI-MFC75W  | 75mm Marine Firestop Collar  | 6         |
| STI-MFC90W  | 90mm Marine Firestop Collar  | 6         |
| STI-MFC110W | 110mm Marine Firestop Collar | 6         |
| STI-MFC115W | 115mm Marine Firestop Collar | 6         |
| STI-MFC125W | 125mm Marine Firestop Collar | 2         |
| STI-MFC140W | 140mm Marine Firestop Collar | 2         |
| STI-MFC160W | 160mm Marine Firestop Collar | 2         |
| STI-MFC169W | 169mm Marine Firestop Collar | 2         |
| STI-MFC200W | 200mm Marine Firestop Collar | 1         |
| STI-MFC219W | 219mm Marine Firestop Collar | 1         |
| STI-MFC225W | 225mm Marine Firestop Collar | 1         |
| STI-MFC273W | 273mm Marine Firestop Collar | 1         |
| STI-MFC324W | 324mm Marine Firestop Collar | 1         |



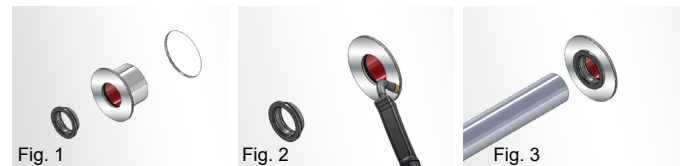
## PHYSICAL PROPERTIES:

| Property (As Supplied) | Value   |
|------------------------|---|
| Collar Construction:   | Stainless steel shell with nominal 50 ksi ABS® approved mild steel flange |
| Expansion Begins:      | 320°F (160°C)   |
| Expansion Volume:      | 32 to 64 times  |
| Shelf Life:            | No Limit  |

## PHYSICAL PROPERTIES:

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

- Step 1:** All surfaces shall be free of contaminants and loose material.
- Step 2:** Install the collar and secure to one side of bulkhead or deck by means of continuous weld. (See Fig. 1 & 2)
- Step 3:** Pass the pipe or conduit through the device. Use soapy water if necessary. (See Fig. 3)



## MAINTENANCE:

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

## WARRANTY INFORMATION:

STI typically warrants its products for one full year. For complete details of our standard warranty, please visit [www.stimarine.com/warranty](http://www.stimarine.com/warranty).

Refer to "Collar Dimensions for Marine Watertight Firestop Collars" specification sheet for dimensions.



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