

Cable transit device consisting of heavy gauge steel shell with self-adjusting intumescent liners to allow cables to pass through fire-rated bulkheads and decks while providing a maintenance-free alternative to traditional cable transits in non-watertight divisions.

### Product Features

- Tested to IMO FTP Code 2010, Annex 1, Part 3 (Class A-0 through A-60, H-0 through H-120 Bulkheads and Decks)
- Most cost effective solution for new cable installations
- Flexible, self-sealing intumescent pads accommodate vibration and allow for easy addition and removal of cable
- Rapid intumescent expansion under fire conditions quickly seals off the path for fire, gases, and smoke
- Allows 0 to 100% visual fill of cables
- Empty devices can be installed for future use
- Maximizes volume of cable that can be installed into a given space while reducing the overall footprint
- Protection of cable jacketing and insulation materials
- Resistant to aging and weathering

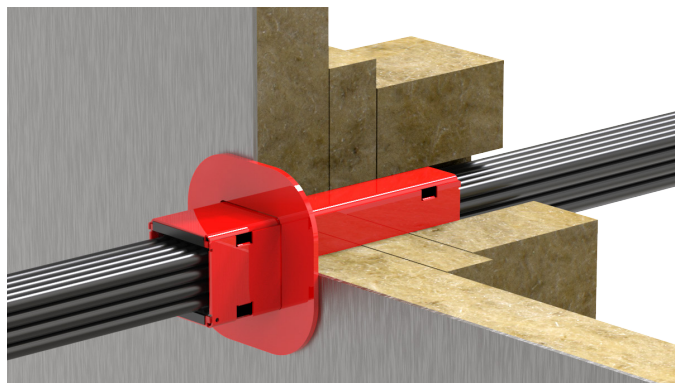
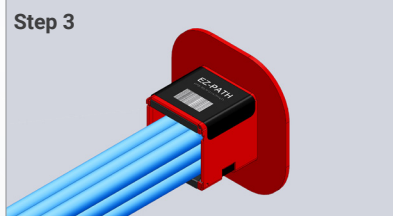
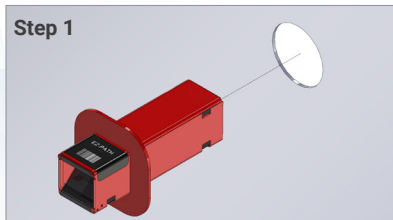
### Installation Instructions

General Notes: Read Safety Data Sheets (SDS) and product label for safe handling. For further information regarding installation requirements, please refer to Installation Sheet No. ZIS5199 and the corresponding Type Approvals.

Step 1: Cut an opening in the bulkhead or deck.

Step 2: Insert device(s) through opening and secure the plate by means of symmetrically spaced stitch welds, stainless steel screws or stainless steel nuts and bolts.

Step 3: Install cables through transit.



### PHYSICAL PROPERTIES

Shell Composition	1.5 mm Thick (0.059 in.) Galvanized Steel
Flange Composition	Mild Steel
Powder Coating	Marine-Grade
Physical Dimensions	76 mm x 76 mm x 267 mm (3" x 3" x 10.5")
Cable Loading Area	32 cm² (5 sq. in.) Max. Ø44 mm (Ø1.75 in.) cable
Expansion Begins	160°C (320°F)
Expansion Volume	800%
In Service Temperature	-23°C (-10°F) to 49°C (120°F)
Storage Temperature	<49°C (120°F)
Shelf Life	No Limit

### 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.

**MDM300 Marine Fire-Rated Transit****Third Party Approvals****ORDERING INFORMATION**

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
MDM300A	730573400074	Marine 300 Single Solid Plate Kit with One (1) Device	1	1	1.90 kg (4.19 lbs)
MDMBOOT	730573400913	Marine Fire-Rated Cable Transit Single Split Boot – For DNV Requirements	1	1	0.45 kg (1.00 lbs)