



MDM300 Marine Fire Rated Pathways

Cable raceway 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-water-tight divisions

PRODUCT FEATURES:

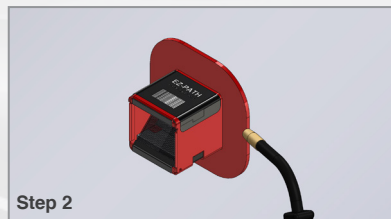
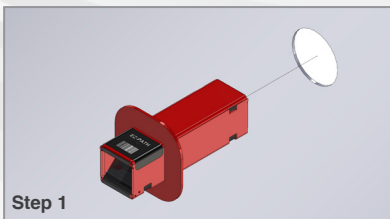
- Tested to IMO FTP Code 2010, Annex 1, Part 3 (Class A-0 through A-60, H-0 through H-120 Bulkheads and Decks)
- Most cost effective solution for new cable installations
- Self-adjusting cable sealing liners allow for easy retrofit of cable moves, additions, and changes for existing installations
- Rapid 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
- Steel shell with marine-grade powder coating and integral mild steel flange
- Flexible intumescent liners accommodates vibration
- Resistant to aging and weathering

INSTALLATION INSTRUCTIONS:

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

Step 1: Cut a circular or square opening into deck or bulkhead.

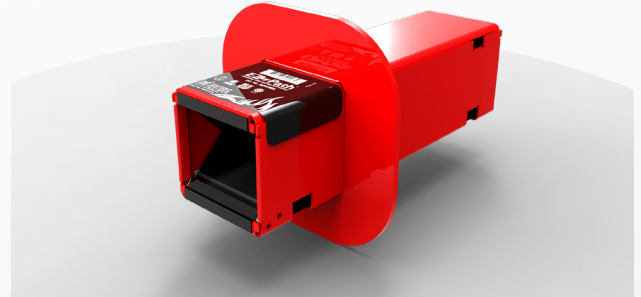
Step 2: Install the device through opening and mechanically attach the integral steel plate by means of welds or steel screws.



ORDERING INFORMATION:

EZ-Path® Marine Fire Rated Pathways are available from STI Marine Distributors. Contact regional STI office for more information.

UPC#	730573	CAT NO.	DESCRIPTION	CASE QTY	WEIGHT
40004		MDM300A	Series 300 EZ-Path® with Integrated Solid Plate	1	2.0 kg (4.4 lbs)



THIRD PARTY APPROVALS:



PHYSICAL PROPERTIES:

Property – As Supplied	Value
Shell Composition:	1.5 mm thick (0.059") galvanized steel
Flange Composition: <i>Integrated flange</i>	Nom. 50 KSI ABS-Approved mild steel
Powder Coating:	Marine-Grade
Physical Dimensions:	76 x 76 x 267 mm (3 x 3 x 10.5")
Cable Loading Area:	32 cm ² (5 sq. in.) Max. 44 mm (1.75 in.) diam.
Expansion Begins :	160°C (320°F)
Expansion Volume:	800%
In-Service Temperature:	-23°C to 49°C (-10°F to 120°F)
Storage Temperature:	<49°C (120°F)
Shelf Life:	No limit

MAINTENANCE:

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

WARRANTY INFORMATION:

www.stimarine.com/legal/warranty

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