

MFC Marine Firestop Collars

Factory-manufactured, intumescent device for use as a penetration seal in fire-rated bulkheads and decks

PRODUCT FEATURES:

- IMO FTP Code 2010, Annex 1, Part 3 (Class A-0 through A-60 and H-0 through H-120 Bulkheads and Decks)
- Fits most standard pipe sizes from 16 mm to 324 mm
- 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 stainless steel screws
- Split design can be installed around all newly installed piping or existing pipes
- Flexible, and thicker intumescent liner accommodates vibration and will not damage pipe
- Resistant to aging and weathering

PHYSICAL PROPERTIES:

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

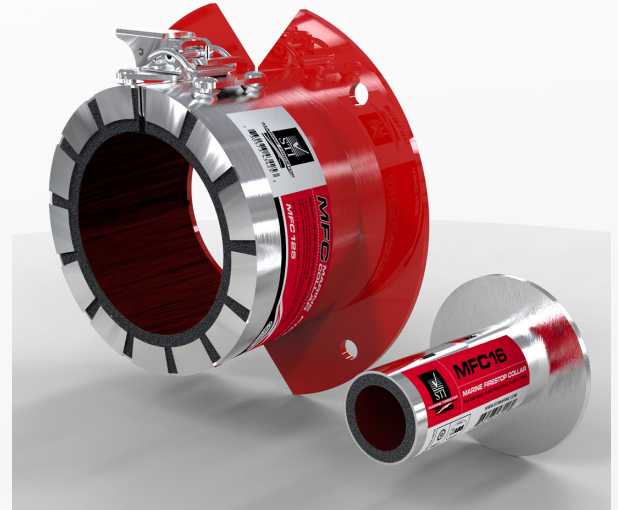
INSTALLATION INSTRUCTIONS:

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

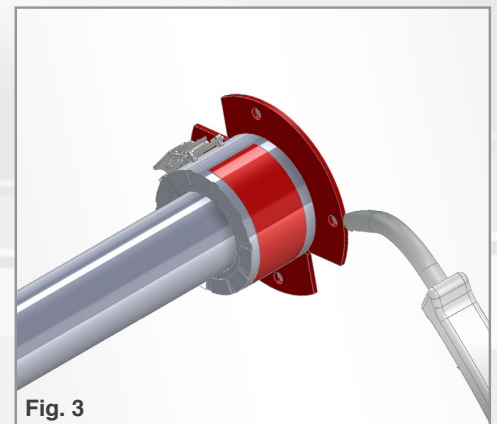
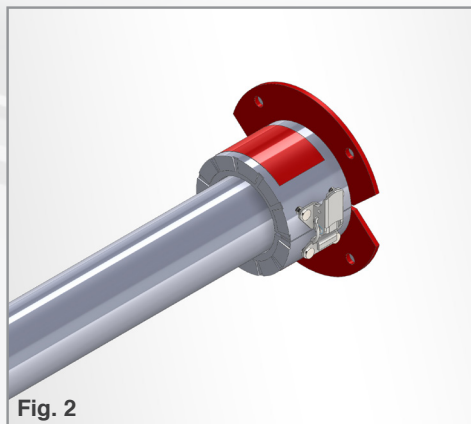
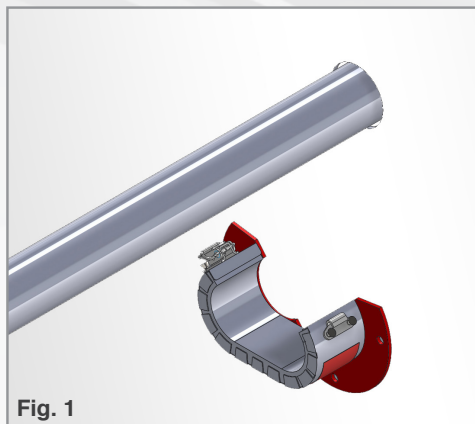
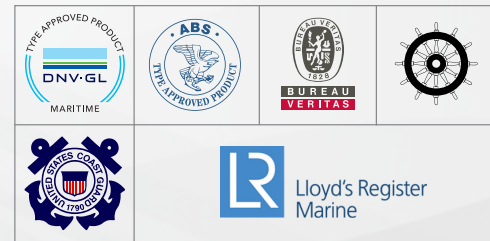
Step 1: All surfaces shall be clean, sound, dry, frost-free, and free of bond-breaking contaminants and loose material.

Step 2: Install the collar around the pipe and secure locks. (See Fig. 1 & 2)

Step 3: Mechanically attach to one side of bulkhead or deck by means of welds or stainless steel screws. (See Fig. 3)



THIRD PARTY APPROVALS:



MFC Marine Firestop Collars

ORDERING INFORMATION:

UPC# 730573	CAT NO.	DESCRIPTION	CASE QTY
43016	MFC16	16 mm Marine Firestop Collar	12
43020	MFC20	20 mm Marine Firestop Collar	12
43025	MFC25	25 mm Marine Firestop Collar	12
43032	MFC32	32 mm Marine Firestop Collar	6
43040	MFC40	40 mm Marine Firestop Collar	6
43050	MFC50	50 mm Marine Firestop Collar	6
43060	MFC60	60 mm Marine Firestop Collar	6
43063	MFC63	63 mm Marine Firestop Collar	6
43075	MFC75	75 mm Marine Firestop Collar	6
43090	MFC90	90 mm Marine Firestop Collar	6
43110	MFC110	110 mm Marine Firestop Collar	6
43115	MFC115	115 mm Marine Firestop Collar	6
43125	MFC125	125 mm Marine Firestop Collar	2
43140	MFC140	140 mm Marine Firestop Collar	2
43160	MFC160	160 mm Marine Firestop Collar	2
43169	MFC169	169 mm Marine Firestop Collar	2
43200	MFC200	200 mm Marine Firestop Collar	1
43219	MFC219	219 mm Marine Firestop Collar	1
43225	MFC225	225 mm Marine Firestop Collar	1
43273	MFC273	273 mm Marine Firestop Collar	1
43324	MFC324	324 mm Marine Firestop Collar	1

MAINTENANCE:

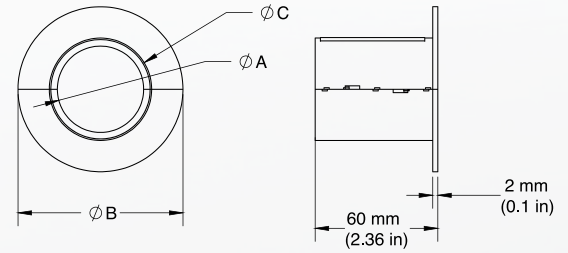
This product is maintenance free. Observed damage can be repaired per the original approved design.

WARRANTY INFORMATION:

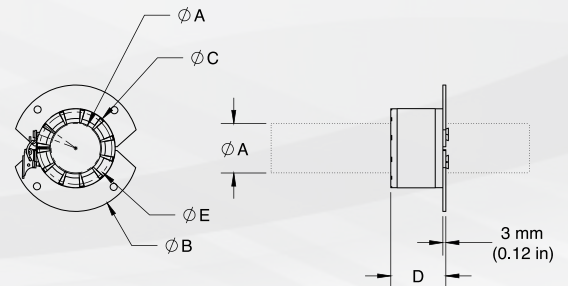
www.stimarine.com/legal/warranty

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COLLAR DIMENSIONS:



	Pipe Outer Ø (A)		B		C		OPENING NEEDED	
	mm	in	mm	in	mm	in	mm ±5	in ±0.2
MFC16	16	0.6	56	2.2	26	1.0	30	1.2
MFC20	20	0.8	60	2.4	30	1.2	30	1.2
MFC25	25	1.0	65	2.6	35	1.4	30	1.2
MFC32	32	1.3	72	2.8	42	1.7	45	1.8
MFC40	40	1.6	80	3.1	50	2.0	50	2.0



	A		B		C		D		E	
	mm	in	mm	in	mm	in	mm	in	mm ±5	in ±0.2
MFC50	50	2.0	126	5.0	79	3.1	55	2.15	60	2.4
MFC60	60	2.4	138	5.4	91	3.6	55	2.15	70	2.8
MFC63	63	2.5	141	5.6	93	3.7	55	2.15	73	2.9
MFC75	75	3.0	153	6.0	105	4.1	55	2.15	85	3.3
MFC90	90	3.5	167	6.6	119	4.7	55	2.15	100	3.9
MFC110	110	4.3	186	7.3	139	5.5	55	2.15	120	4.7
MFC115	115	4.5	191	7.5	144	5.7	55	2.15	125	4.9
MFC125	125	4.9	203	8.0	156	6.1	105	4.12	135	5.3
MFC140	140	5.5	218	8.6	171	6.7	105	4.12	150	5.9
MFC160	160	6.3	238	9.4	191	7.5	105	4.12	170	6.7
MFC169	169	6.7	247	9.7	200	7.9	105	4.12	179	7.0
MFC200	200	7.9	334	13.1	242	9.5	131	5.15	210	8.3
MFC219	219	8.6	353	13.9	261	10.3	131	5.15	229	9.0
MFC225	225	8.9	354	13.9	267	10.5	131	5.15	235	9.3
MFC273	273	10.7	404	15.9	315	12.4	131	5.15	283	11.1
MFC324	324	12.8	457	18.0	366	14.4	131	5.15	334	13.1