



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

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CERTIFIED FOR

JOB NAME \_\_\_\_\_

CUSTOMER \_\_\_\_\_

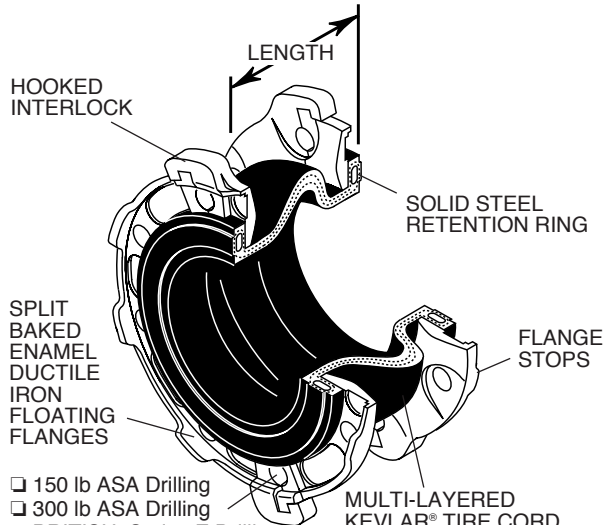
CUSTOMER P.O. \_\_\_\_\_

M. \_\_\_\_\_ DWG No. \_\_\_\_\_

MASONFLEX

MFEJ

Single Sphere  
Neoprene Connector  
& Expansion Joint



- 150 lb ASA Drilling
- 300 lb ASA Drilling
- BRITISH Series E Drilling
- BRITISH Series F Drilling
- DIN or PIN-10
- DIN or PIN-16
- DIN or PIN-25

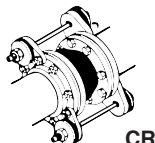
MULTI-LAYERED KEVLAR® TIRE CORD FABRIC REINFORCEMENT WITH NEOPRENE COVER, LINER AND FABRIC FRICTIONING

If not all Neoprene, Materials are—

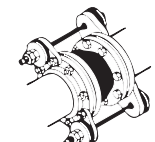
Cover Liner

- Neoprene
- Natural Rubber
- Hypalon
- Nitrile (Buna N)
- EPDM

- CR Control Rods
- ACC Control Cables



CR Control Rods



ACC Control Cables

Standard Masonflex MFEJ Connectors do not require control rods or cables in anti-vibration applications when preextended during installation in accordance with installation instructions.

High Pressure Masonflex MFEJ Connectors should be installed with control rods or cables over 275 psi **18.9 Bar**.

MASONFLEX MFEJ DIMENSIONS AND ALLOWABLE MOVEMENTS

Pipe (in)		Pipe (mm)		Allowable Movements					
Size (in)	Length (in)	Size (mm)	Length (mm)	Angular (degrees)	Compression (in) (mm)	Elongation (in) (mm)	Transverse ±(in) (mm)		
2	4	50	100	20°	5/8 16	1/2 12	3/8 9.5		
		65		19°					
3	6	75		18°	7/8 22	5/8 16	5/8 16		
		100	150	17°					
		125		16°					
		150		15°					
6	8	200		13°					
		250	200	12°	1 25	3/4 19	3/4 19		
12		11°							
14	9	350		10°	1 1/8 29	7/8 22	7/8 22		
		400	225	9°					
		450		8°					
		500		7°					
24	10	600	250	6°	1 1/8 29	1 25	1 25		

MASONFLEX MFEJ

Standard and High Pressure Construction Temperature Corrections

Construction Type & Sizes (in) (mm)	Nominal Rating at:						Max Vacuum (in Hg) (-Bar)
	170°F 77°C	180°F 82°C	190°F 88°C	200°F 92°C	210°F 99°C	220°F 102°C	
Standard 2-16" 50-400mm	225 psi 15.5 Bar	220 psi 15.2 Bar	215 psi 14.8 Bar	210 psi 14.5 Bar	205 psi 14.1 Bar	200 psi 13.8 Bar	18" 0.6
Standard 18-24" 450-600mm	180 psi 12.4 Bar	180 psi 12.4 Bar	175 psi 12.1 Bar	170 psi 11.7 Bar	165 psi 11.4 Bar	160 psi 11.0 Bar	18" 0.6
High Pressure 2-16" 50-400mm	300 psi 20.7 Bar	290 psi 20.0 Bar	280 psi 19.3 Bar	270 psi 18.6 Bar	260 psi 18.0 Bar	250 psi 17.2 Bar	29" 1.0
High Pressure 18-24" 450-600mm	225 psi 15.5 Bar	220 psi 15.2 Bar	215 psi 14.8 Bar	210 psi 14.5 Bar	205 psi 14.1 Bar	200 psi 13.8 Bar	29" 1.0

Burst pressures are a minimum of three times Operating Pressures.

Pressure Ratings-

Sizes 2-16" 50-400mm Nominal 225 psi 15.5 Bar Standard  
Sizes 18-24" 450-600mm Nominal 180 psi 12.4 Bar Standard

Sizes 2-16" 50-400mm Nominal 300 psi 20.7 Bar High Pressure  
Sizes 18-24" 450-600mm Nominal 225 psi 15.5 Bar High Pressure

When Expansion Joints are used for piping expansion or contraction, Anchors must be provided on both sides of the expansion joint at the extreme ends of the protected run or the joints will not function properly.

CERTIFICATION DATA

QUANTITY REQUIRED	MASONFLEX MFEJ SIZE	TAG

DWN	CHKD	DATE
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DWG No.
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