



MASON INDUSTRIES, Inc.

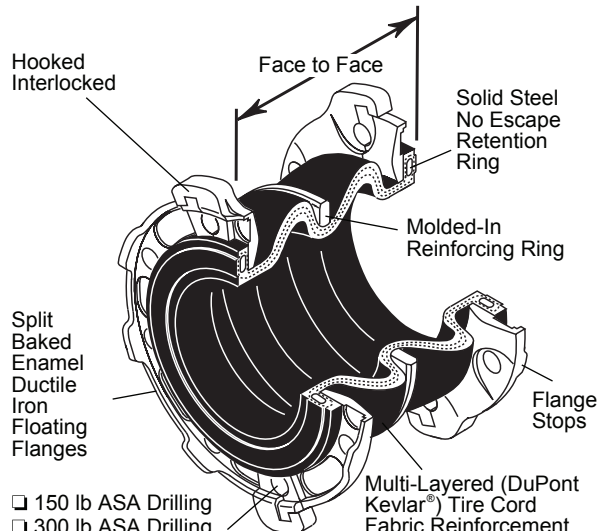
Manufacturers of Vibration Control Products

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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M.I. _____
DWG. NO. _____

SFDEJ

**SAFLEX DOUBLE
SPHERE EPDM
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

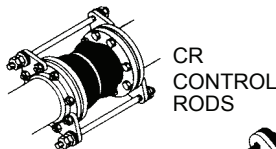
If not all Peroxide Cured
EPDM, Materials are—

Cover Liner

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

Multi-Layered (DuPont Kevlar®) Tire Cord Fabric Reinforcement With Peroxide Cured EPDM (DuPont Nordel) Cover, Liner, And Cord Frictioning

- ☐ CR Control Rods
- ☐ ACC Control Cables



Standard Pressure Safeflex Connectors do not require control rods or cables in anti-vibration applications when pre-extended during installation in accordance with installation instructions.

High Pressure Connectors should be installed with control rods or cables over 275 psi/19 Bar.

ACC
CONTROL
CABLES

Pressure Ratings—

Nominal 250 psi 17 Bar Standard Up to 16"
Nominal 335 psi 23 Bar High Pressure Up to 16"
Nominal 180 psi 12 Bar Standard 18" - 24"
Nominal 225 psi 15 Bar High Pressure 18" - 24"

SAFLEX SFDEJ DIMENSIONS AND ALLOWABLE MOVEMENTS

Pipe Size (in)	Face to Face (in)	Pipe Size (mm)	Face to Face (mm)	Allowable Movements			
				Angular (degrees)	Compression (in) (mm)	Elongation (in) (mm)	Transverse ±(in) ±(mm)
1 1/2		40		36			
2		50		34			
2 1/2		65		32			
3	7	75	175	30	11/4 32	3/4 19	3/4 19
4		100		28			
5		125		24			
6		150		22			
8		200		20			
10	8	250	200	18	11/2 38	7/8 22	7/8 22
12		300		16			
14	10	350	250	14	15/8 41	1 25	1 25
16	11	400	275	13	13/4 44	1 25	1 25
18	11	450	275	12			
20	12	500	300	11	17/8 47	11/8 28	11/8 28
24	12	600	300	10			

SAFLEX SFDEJ

Standard and High Pressure Construction-
Pressure Reduction at Higher Temperatures

Construction Types & Sizes (in) (mm)	Nominal Rating In PSI Bar at:					Max. Vacuum (in Hg) (Minus Bar)
	170°F 77°C	190°F 88°C	210°F 99°C	230°F 110°C	250°F 121°C	
SFDEJ Standard 1 1/2" - 16" 40 - 400mm	250 17	245 16.5	235 16	225 15	215 14	14" 0.5
SFDEJ Standard 18" - 24" 450 - 600mm	180 12	175 11.5	170 11	165 10.5	155 10	14" 0.5
SFDEJ High Pressure 1 1/2" - 16" 40 - 400mm	335 23	325 22	315 21	300 20	285 19	22" 0.7
SFDEJ High Pressure 18" - 24" 450 - 600mm	225 15	220 14.5	210 14	200 13.5	190 13	22" 0.7

Burst pressures are a minimum of three times Operating Pressures.

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	SAFLEX SFDEJ SIZE	TAG