



**MASON INDUSTRIES, Inc.**  
Manufacturers of Vibration Control Products

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CERTIFIED FOR \_\_\_\_\_

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

CUSTOMER \_\_\_\_\_

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

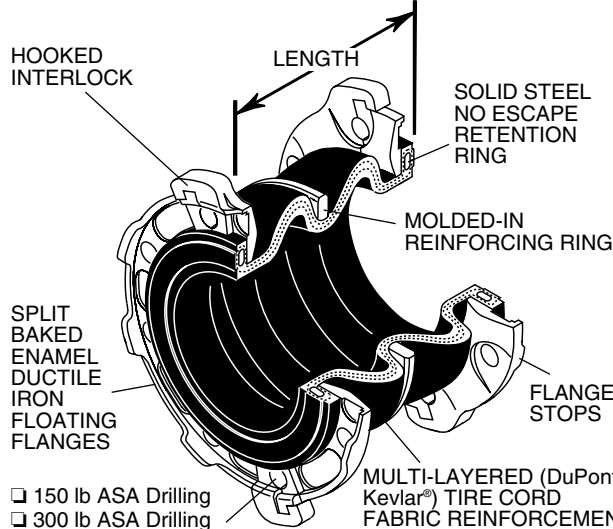
MASON M. \_\_\_\_\_

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

SAFLEX

**SFDEJ**

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

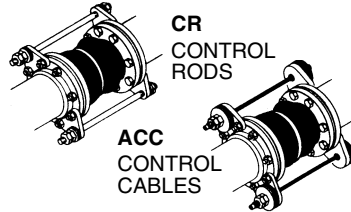
If not all Peroxide Cured EPDM, Materials are—

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



Nominal 250 psi **17 Bar** Standard Safeflex Connectors do not require control rods or cables in anti-vibration applications when pre-extended during installation in accordance with installation instructions.

Nominal 335 psi **23 Bar** Heavy Duty units should be installed with control rods or cables over 275 psi **19 Bar**.

**SAFLEX SFDEJ DIMENSIONS AND ALLOWABLE MOVEMENTS**

Pipe Size (in) (mm)	Length (in) (mm)	Allowable Movements					
		Compression (in) (mm)	Elongation (in) (mm)	Transverse ±(in) (mm)	Angular (degrees)		
1 1/2	40				36°		
2	50				34°		
2 1/2	65	7	175	11/4 32	3/4 19	3/4 19	32°
3	75						30°
4	100						28°
5	125						24°
6	150						22°
8	200						20°
10	250	8	200	11/2 38	7/8 22	7/8 22	18°
12	300						16°
14	350						14°

**Standard and High Pressure Construction— SAFLEX SFDEJ Pressure Reduction at Higher Temperatures**

Construction & Sizes	Nominal Rating 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	
Standard 1 1/2" - 14" 40 - 350mm	250 psi 17 Bar	245 psi 16.5 Bar	235 psi 16 Bar	225 psi 15 Bar	215 psi 14 Bar	14" 0.5
High Pressure 1 1/2" - 14" 40 - 350mm	335 psi 23 Bar	325 psi 22 Bar	315 psi 21 Bar	300 psi 20 Bar	285 psi 19 Bar	22" 0.7

Burst pressures are a minimum of three times Operating Pressures.

**Pressure Ratings—**

Nominal 250 psi **17 Bar** Standard  
Nominal 335 psi **23 Bar** Heavy Duty

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

DWN      CHKD      DATE

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