



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

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Info@Mason-Ind.com • Info@Mercer-Rubber.com



CERTIFIED FOR

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

CUSTOMER \_\_\_\_\_

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

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

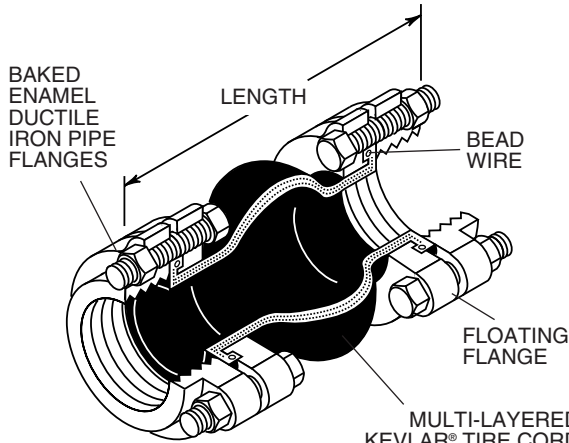
SAFLEX

SFU

SINGLE SPHERE  
EPDM  
EXPANSION JOINT

SAFLEX SFU DIMENSIONS AND ALLOWABLE MOVEMENTS

Pipe Size (in) (mm)	Length (in) (mm)	Allowable Movements			
		Compression (in) (mm)	Elongation (in) (mm)	Transverse ±(in) (mm)	Angular (degrees)
3/4	20 7 175	3/4 19	3/8 10	3/8 10	25°
1	25 7 175				24°
1 1/4	32 8 200				23°
1 1/2	40 8 200				22°
2	50 8 200				21°



**SFU-DI**  
Ductile Iron  
Threaded End

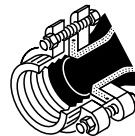
MULTI-LAYERED  
KEVLAR® TIRE CORD  
FABRIC REINFORCEMENT WITH  
PEROXIDE CURED EPDM COVER,  
LINER AND FABRIC FRICTIONING

SAFLEX SFU  
Pressure Reduction at Higher Temperatures

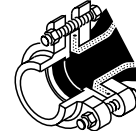
Nominal Rating at:					Max. Vacuum (in Hg) (Minus Bar)
170°F 77°C	190°F 88°C	210°F 99°C	230°F 110°C	250°F 121°C	
250 psi 17 Bar	245 psi 16.5 Bar	235 psi 16 Bar	225 psi 15 Bar	215 psi 14 Bar	18" 0.6

Burst pressures are a minimum of three times Operating Pressures.

If not Ductile Iron, Ends are:



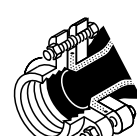
**SFU-PT**  
PVC  
Threaded  
End



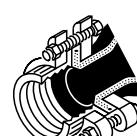
**SFU-CT**  
Sweat End  
for Copper  
Tubing



**SFU-PC**  
PVC  
Cement  
End



**SFU-SS**  
Stainless  
Steel  
Threaded  
End



**SFU-BT**  
Brass  
Threaded  
End

If not all EPDM, Materials are—  
Cover Liner

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

CERTIFICATION DATA

QUANTITY REQUIRED	SAFLEX SFU SIZE	TAG

DWN	CHKD	DATE
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DWG No. \_\_\_\_\_