



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. _____

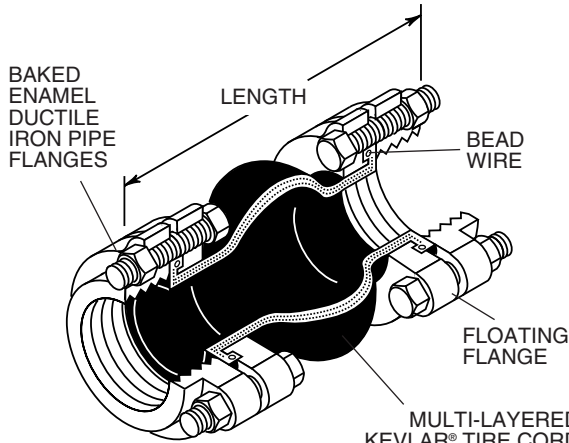
SAFLEX

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		25°	
1	25	7	175		24°	
1 1/4	32	8	200	3/4 19	3/8 10	23°
1 1/2	40	8	200			22°
2	50	8	200			21°



SFU-DI
 Ductile Iron
 Threaded End

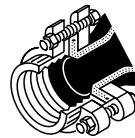
MULTI-LAYERED
 KEVLAR® TIRE CORD
 FABRIC REINFORCEMENT WITH
 PEROXIDE CURED EPDM COVER,
 LINER AND FABRIC FRICTIONING

**SAFLEX SFU
 Pressure Reduction at Higher Temperatures**

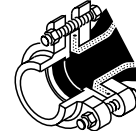
Nominal Rating at:					Max. Vacuum (in Hg) (Minus Bar)
170°F 77°C	190°F 88°C	210°F 99°C	230°F 110°C	250°F 121°C	
250 psi 17 Bar	245 psi 16.5 Bar	235 psi 16 Bar	225 psi 15 Bar	215 psi 14 Bar	18" 0.6

Burst pressures are a minimum of three times Operating Pressures.

If not Ductile Iron, Ends are:



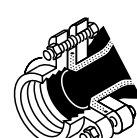
SFU-PT
 PVC
 Threaded
 End



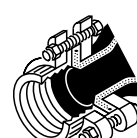
SFU-CT
 Sweat End
 for Copper
 Tubing



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

DWG No. _____