SIGMAFLANGE ™ MODEL SFUP

UNIVERSAL JOINT FOR FLANGED FITTINGS, FLANGED PIPES & VALVES

Project Name: _____ Contractor: _____ Date: _____

Engineer: _____ Spec Section: _____

PRODUCT SPECIFICATIONS

Material:
SIGMAFLANGE™ Universal adapter ring and restraint gland are manufactured of high strength ductile iron in accordance with ASTM A536, Grade 65-45-12 Mechanical joint gasket and O-ring gasket are manufactured of styrene butadiene rubber (SBR) per ANSI/AWWA C111/A21.11. Hex bolts & nuts are manufactured of carbon steel as per ASTM A 307 and zinc-plated in conformance with ANSI/AWWA C111/A21.11

Pressure Rating:
Rated to a working pressure equal to the pressure rating of the pipe on which it is installed

Factor of Safety:
2:1

Size Range:
3" - 36"

Dimensions:
Conform to ANSI/AWWA C110/A21.10

Deflection:
5° on 3"-12"
3° on 14"-16"
2° on 18"-20"
1.5° on 24"-30"
1° on 36"

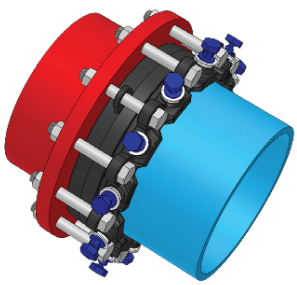
Traceability:
Gland body, wedge inserts and break-off top actuating bolts are individually cast with exact heat code information.

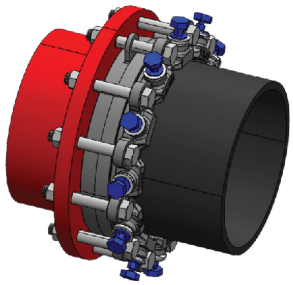
Approvals:
Underwriter Laboratories listed on sizes 3" - 12" for use on Ductile Iron & Steel pipe - 350psi. Factory Mutual approved on sizes 3" with IPS PVC Pipe and 4"-12" on C900 PVC pipe

Installations:
In accordance with manufacturer's recommendation and applicable AWWA standards.

OPTIONAL SPECIFICATIONS

Gaskets	SBR (In accordance with ANSI/AWWA C111/A21.11)	☐
	EPDM	☐
	Neoprene	☐
	Nitrile	☐
	Other - Specify _____	☐
Coatings	NSF61 approved electro deposition base boat with black alkyd enamel top coat	☐
	Others- Specify _____	☐
Hex Bolts & Nuts	Carbon Steel as per ASTM A307 and Zinc Plated (In accordance with ANSI/AWWA C111/A21.11)	☐
	Stainless Steel ☐ Type 304 ☐ Type 316	☐
	Blue Fluoropolymer	☐
	Others- Specify _____	☐





FM APPROVED

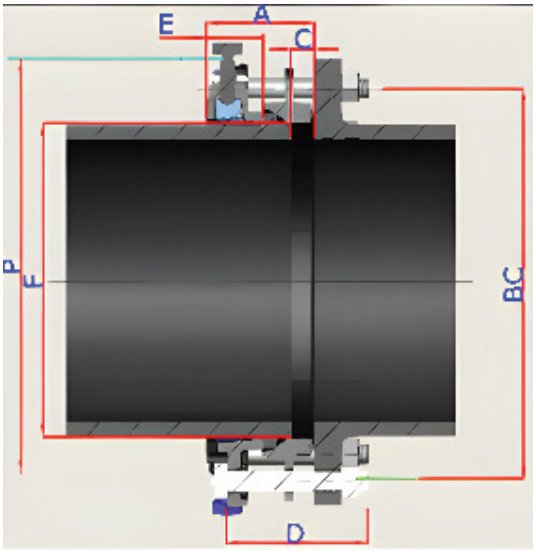
CLASSIFIED UL WATER QUALITY

Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372

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	Size	Part #	Weight (Lbs)	Dimension							Hardware - Hex Bolts	
				A	BC	C	D	E	F	P	Qty	Size
☐	3	SFUP3	13	4.10	6.00	0.70	5.00	2.37	4.06	8.88	4	⅝ x 5 ½
☐	4	SFUP4	19	4.45	7.50	0.70	5.50	2.43	4.90	9.59	8	⅝ x 5 ½
☐	6	SFUP6	28	4.68	9.50	0.80	6.00	2.45	7.00	11.69	8	¾ x 6
☐	8	SFUP8	37	4.76	11.75	0.90	6.00	2.52	9.15	13.84	8	¾ x 6
☐	10	SFUP10	58	4.77	14.25	1.00	6.25	2.52	11.20	16.23	12	⅞ x 6 ¼
☐	12	SFUP12	66	4.88	17.00	1.00	6.25	2.52	13.30	18.33	12	⅞ x 6 ¼
☐	14	SFUP14	80	5.15	18.75	1.30	7.50	2.53	15.44	20.58	12	1 x 7 ½
☐	16	SFUP16	109	5.52	21.25	1.30	7.50	2.67	17.54	22.41	16	1 x 7 ½
☐	18	SFUP18	124	5.52	22.75	1.30	8.50	2.96	19.64	24.70	16	1 ⅛ x 8 ½
☐	20	SFUP20	160	5.43	25.00	1.30	8.50	2.89	21.74	27.10	20	1 ⅛ x 8 ½
☐	24	SFUP24	209	5.41	29.50	1.30	9.00	2.95	25.94	31.26	20	1 ¼ x 9
☐	30	SFUP30	402	7.4	36.00	2.00	11.00	3.60	32.00	38.8	28	1 ¼ x 11
☐	36	SFUP36	583	7.14	42.75	2.00	11.5	3.60	38.3	46.6	32	1 ½ x 11 ½

All dimensions are in inches