SIGMAFLANGE ™ ADAPTER MODEL SFA

FOR DUCTILE IRON, PVC & STEEL PIPE TO FLANGED FITTINGS, VALVES & APPURTENANCES

Project Name: | Contractor: | Date:

Engineer: | Spec Section:

PRODUCT SPECIFICATIONS

Material:
Flange Adapter Sleeve is manufactured of high strength ductile iron in accordance with ASTM A536, Grade 65-45-12. O-ring gasket is manufactured of styrene butadiene rubber (SBR) per ANSI/AWWA C111/A21.11.

Pressure Rating:
DI Pipe - 350 psi for sizes 3"-16" & 250 psi for sizes 18" -36"
PVC Pipe - Equal to the rated working pressure of the pipe
Steel Pipe - 350 psi for sizes 3' - 12"

Factor of Safety:
2:1

Size Range:
3"- 36" on ductile iron pipe
4"- 36" on PVC pipe
4"-12" on steel pipe

Dimensions:
Conform to ANSI/AWWA C110/A21.10 and ANSI/AWWA C153/A21.53 and ANSI/ AWWA C115/A21.15 (Class 125/150 drilling pattern).

Deflection:
5° for 3"-12", 2° for 14"-16", 1-1/2° for 18"-24" and 1° for 30"-36"

Traceability:
Flange Adapter Sleeve is individually cast with exact heat code information

Approvals:
Underwriter Laboratories listed and Factory Mutual approved in sizes 3" – 12"

Installations:
In accordance with manufacturer's recommendation and applicable AWWA standards. Must be installed only in conjunction with the Sigma One Lok Model SLDE or SLCE and please refer to our submittal & installation information for wedge restraints.

OPTIONAL SPECIFICATIONS

Gaskets	SBR (In accordance with ANSI/AWWA C111/A21.11)	☐
	EPDM	☐
	Neoprene	☐
	Nitrile	☐
	Other - Specify	☐
Coatings	Exterior is top-coated with Red Alkyd paint and interior top-coated with NSF61 black asphaltic lining.	☐
	Sleeve body, both exterior and interior, is coated with electro-deposition "CORRSAFE™"	☐
	Others- Specify	☐
Bolts & Nuts	High Strenght, Low Alloy Steel(HSLA) (In accordance with ANSI/AWWA C111/A21.11)	☐
	Stainless Steel ☐ Type 304 ☐ Type 316	☐
	Blue Fluoropolymer	☐
	Others- Specify	☐



FM APPROVED

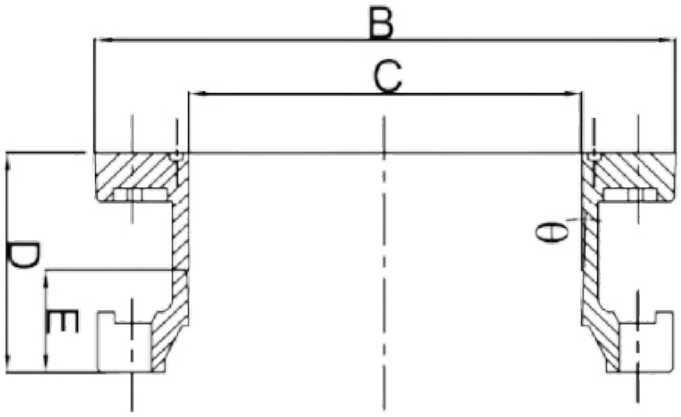
CLASSIFIED UL WATER QUALITY

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

UL

SIGMAFLANGE ™ ADAPTER MODEL SFA

FOR DUCTILE IRON, PVC & STEEL PIPE TO FLANGED FITTINGS, VALVES & APPURTENANCES



Dimensions in Inches, Weights in Pounds

	Size	Item No.	Wt.	B	C	D	E
☐	3	SFA3	8.0	7.50	4.06	3.63	2.50
☐	4	SFA4	13.0	9.00	4.90	4.10	2.50
☐	6	SFA6	19.5	11.00	7.00	5.07	2.50
☐	8	SFA8	28.0	13.50	9.15	5.07	2.50
☐	10	SFA10	16.00	16.00	11.20	5.37	2.50
☐	12	SFA12	19.00	19.00	13.30	5.44	2.50
☐	14	SFA14	21.00	21.00	15.44	6.42	3.50
☐	16	SFA16	23.50	23.50	17.54	6.54	3.50
☐	18	SFA18	25.00	25.00	19.64	7.15	3.50
☐	20	SFA20	27.50	27.50	21.74	7.15	3.50
☐	24	SFA24	32.00	32.00	25.94	7.65	3.50
☐	30	SFA30	39.12	39.12	32.12	8.40	4.00
☐	36	SFA36	38.42	46.00	38.42	9.40	4.00