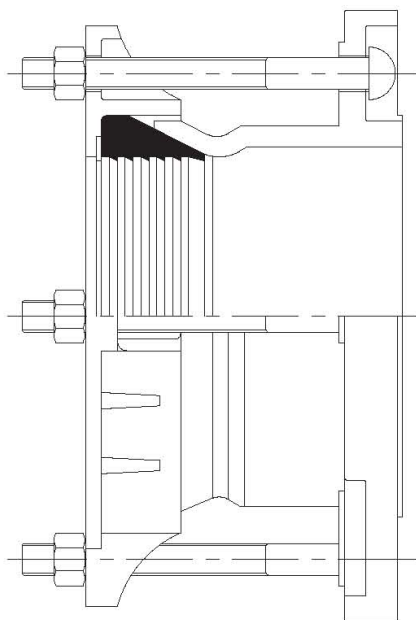




# SAUDI PIPE SYSTEMS CO.

## UNIVERSAL FLANGE ADAPTOR



- SPS universal flange adaptor joins different outside diameters in UPVC, Steel, Cast iron, GRP and Ductile Iron.

- Flanges are drilled according to BS 4504 PN10 & PN16. and ANSI B16.5 or DIN 2501 PN10 / PN16 / PN25

- Easy and quick installation.

- Rubber gasket are ribbed for a positive compression and seals pitted and corroded pipe.

- Corrosion protection with fusion bonded epoxy min.: 250 Microns.

- SPS Universal Flange adaptor allows an angular deflection of 3° on all sides.

- Working Pressure 16 Bars (230 PSI).

- See dimensions and details.

*Design Mechanical Data, Dimension, Materials and weight are subject to change without notice*



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## UNIVERSAL FLANGE ADAPTOR

### Dimensions

Norm bore (mm)	Pipe OD (mm)	Tolerance Length Prepared Pipe End		Minimum Length Prepared Pipe End L (mm)	OD of Ending A(mm)	flange Adaptor Length	Table Flange thickness
100	118	(+1.0)	(-3.0)	100	200	102	12
150	170	(+1.0)	(-3.0)	100	260	106	15
200	222	(+1.0)	(-3.0)	100	308	106	16
250	274	(+1.0)	(-3.0)	100	364	109	19
300	326	(+1.0)	(-3.0)	100	414	109	19
350	378	(+1.0)	(-3.0)	150	480	153	23
400	429	(+1.0)	(-3.0)	150	531	154	23
450	480	(+1.0)	(-3.0)	150	582	154	24
500	532	(+1.0)	(-3.0)	150	634	155	25
600	635	(+1.0)	(-3.0)	150	737	155	24
700	738	(+1.0)	(-3.0)	150	840	155	25
800	842	(+1.0)	(-3.0)	150	944	155	25
900	945	(+1.0)	(-3.0)	150	1047	155	25
1000	1048	(+1.0)	(-3.0)	150	1150	157	27
1200	1255	(+1.0)	(-3.0)	150	1371	165	35
1400	1462	(+1.0)	(-3.0)	150	1578	175	45
1600	1668	(+1.0)	(-3.0)	150	1784	190	60
1800	1875	(+1.0)	(-3.0)	200	2010	275	60
2000	2082	(+1.0)	(-3.0)	200	2217	275	60

### Specifications :

1. Flange made of Ductile Iron GGG50 to DIN EN 1563
2. Rings made of Ductile Iron GGG50 to DIN EN 1563
3. Rubber gasket Nitrile compound Grade-G to BS 2494; 1990 Type-G
4. Bolts & Nuts, G.I BS 970; 1991 Grade-070 M20
5. Bolt coating, G.I BS 729; 1971
6. Coating; fusion bonded epoxy (250 Micron)

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