

Fittings Accessories

Stainless Steel Backing Ring (SD-SSBKR-16) (SD-SSBKR-150) (for HDPE Stub Flange Adaptor)

SHIELD provides state-of-the-art fitting accessories for joining HDPE piping system which not only ensures the safe conveyance but also makes it possible to easily move HDPE pipes at a later stage.



Product Specifications:

Available Size	20mm - 500mm (PN16), 50mm - 500mm (Class150)
Material	High Density Polyethylene
Standard	BS 4504/EN 1092-1, ANSI/ASME B16.5
Application	Firefighting (underground), Irrigation, Potable Water, Drainage, Gas Insulation/Sleeves/Jacket, Directional Drilling Machine

Fittings Accessories

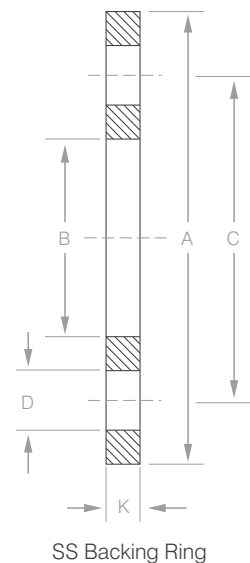
Product Dimensions:

SD-SSBKR (as per BS 4504/EN 1092-1 PN16)

HDPE Pipe Size		d _n mm	Outer Diameter	Internal Diameter	PCD	Hole Diameter	No. of Holes	Thickness
SDR mm	DR Inch		A mm	B mm	C mm	D mm	mm	K mm
20	¾	15	95	28	65	14	4	14
25	½	20	105	34	75	14	4	16
32	1	25	115	42	85	14	4	18
40	1¼	32	140	51	100	18	4	18
50	1½	40	150	63	110	18	4	18
63	2	50	165	79	125	18	4	19
75	2½	65	185	93	145	18	8	20
90	3	80	200	110	160	18	8	20
110	4	100	220	128	180	18	8	22
125	-	125	250	135	180	18	8	22
160	6	150	285	178	240	22	8	24
180	-	150	285	188	240	22	8	24
200	8	200	340	236	295	22	12	26
225	-	200	340	238	295	22	12	26
250	10	250	405	290	355	26	12	29
280	-	250	405	294	355	26	12	29
315	12	300	460	338	410	26	12	32
355	14	350	520	376	470	26	16	35
400	16	400	580	430	525	30	16	38
450	18	450	640	518	585	30	20	42
500	20	500	715	535	650	33	20	46

NOTE:

- ▶ SS Backing Ring is available in SS304 and SS316.
- ▶ PP/Steel are also available upon request.



Fittings Accessories

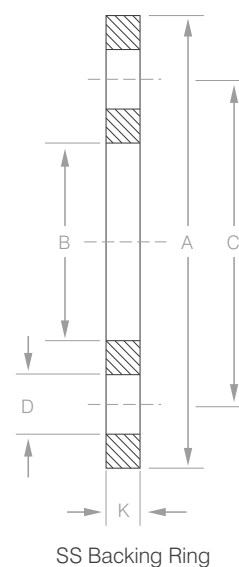
Product Dimensions:

SD-SSBKR-150 (as per ANSI/ASME B16.5 Class 150)

HDPE Pipe Size		d _n mm	Outer Diameter	Internal Diameter	PCD	Hole Diameter	No. of Holes	Thickness
SDR mm	DR Inch		A mm	B mm	C mm	D mm	mm	K mm
50	1½	40	125	63	98.4	15.87	4	17.5
63	2	50	150	79	120.7	19.05	4	19.1
75	2½	65	180	93	139.7	19.05	4	22.3
90	3	80	190	110	152.4	19.05	4	23.9
110	4	100	230	128	190.5	19.05	8	23.9
125	-	125	255	135	190.5	19.05	8	23.9
160	6	150	280	178	241.3	22.22	8	25.4
180	-	150	280	188	241.3	22.22	8	25.4
200	8	200	345	236	298.5	22.22	8	28.6
225	-	200	345	238	298.5	22.22	8	28.6
250	10	250	405	290	362.0	25.40	12	30.2
280	-	250	405	294	362.0	25.40	12	30.2
315	12	300	485	338	431.8	25.40	12	31.8
355	14	350	535	376	476.3	28.57	12	35.0
400	16	400	595	430	539.8	28.57	16	36.6
450	18	450	635	518	577.9	31.75	16	39.7
500	20	500	700	535	635.0	31.75	20	42.9

NOTE:

- ▶ SS Backing Ring is available in SS304 and SS316.
- ▶ PP/Steel are also available upon request.



Fittings Accessories

Miscellaneous Data:

1. Ordering Information

Example: SD-SSKR-1-50

- SD-SSKR is the part number
- (1) PN16 (2) Class 150
- (50) Size

2. Contact Information

For further information on any aspect of the SHIELD HDPE Accessories please contact below:

MIDDLE EAST & AFRICA	UNITED KINGDOM
Jebel Ali Free Zone, Dubai, UAE P.O Box: 61199 Tel.: +971 4 881 2070 Fax: +971 4 881 2198 Email: shieldme@shielglobal.com	Unit 3, Endeavor Drive, Basildon-Essex, SS3 14WF Tel.: +44 1708 377731 Fax: +44 1708347637 Email: shielduk@shielglobal.com