

Fittings Accessories

Galvanized Backing Ring (SD-GBKR-16) (SD-GBKR-150)

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	50mm - 500mm
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
Approvals/Listings	

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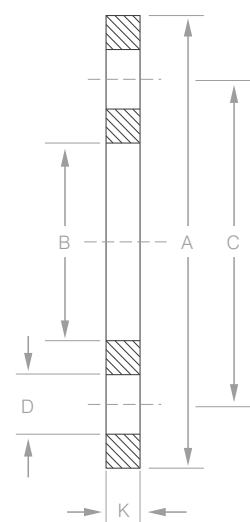
Product Dimensions:

SD-GBKR-16 (ISO 4427) (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		K mm
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:

- ▶ Backing Ring is also available in Polypropylene (PP) coating upon request.
- ▶ Backing Rings have been modified as per the requirements of HDPE sizes.
- ▶ Refer to FMI certificate for more information.



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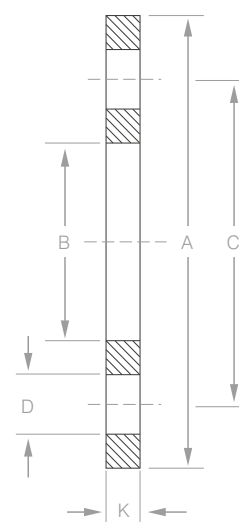
Product Dimensions:

SD-GBKR-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:

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- ▶ Backing Rings have been modified as per the requirements of HDPE sizes.
- ▶ Refer to FM certificate for more information.



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Miscellaneous Data:

1. Ordering Information

Example: SD-GBKR-1-50

- SD-GBKR 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:

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