

Moulded Fittings

End Cap (SD-PEMEC)

SHIELD Fittings are available in moulded. They are manufactured as per ISO standard which are UL, FM, WRAS and API approved, applicable for fire fighting & Water Applications.



Product Specifications:

Available Size	20mm - 315mm
Material	High Density Polyethylene, Medium Density Polyethylene
Standard	ISO 4427, EN 12201, API 15LE
Application	Firefighting (underground), Irrigation, Potable Water, Drainage, Gas Insulation/Sleeves/Jacket, Horizontal Directional Drilling Machine
Approvals/Listings	   

Moulded Fittings

(Metric)

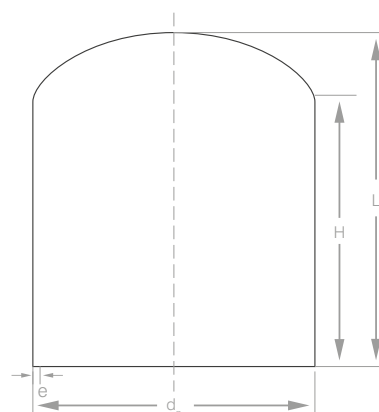
Product Dimensions:

SD-PEMEC (ISO 4427) (PE 100 Long spigot version)

d _n	H	L	e			
			SDR 17 PN10	SDR 11 PN16	SDR 9 PN20	SDR 7.4 PN25
mm	mm	mm	mm	mm	mm	mm
20	54	59	-	2.0 - 2.3	2.3 - 2.7	3.0 - 3.4
25	60	68	-	2.3 - 2.7	3.0 - 3.4	3.5 - 4.0
32	53	59	-	3.0 - 3.4	3.6 - 4.1	4.4 - 5.0
40	57	68	-	3.7 - 4.2	4.5 - 5.1	5.5 - 6.2
50	61	74	-	4.6 - 5.2	5.6 - 6.3	6.9 - 7.7
63	64	80	-	5.8 - 6.5	7.1 - 8.0	8.6 - 9.6
75	74	89	-	6.8 - 7.6	8.4 - 9.4	10.3 - 11.5
90	82	100	5.4 - 6.1	8.2 - 9.2	10.1 - 11.1	12.3 - 13.7
110	91	118	6.6 - 7.4	10.0 - 11.1	12.3 - 13.7	15.1 - 16.8
125	102	122	7.4 - 8.3	11.4 - 12.7	14.0 - 15.6	17.1 - 19.0
160	101	134	9.5 - 10.6	14.6 - 16.2	17.9 - 19.8	21.9 - 24.2
180	114	150	10.7 - 11.9	16.4 - 18.2	20.1 - 22.3	24.6 - 27.2
200	119	163	11.9 - 13.2	18.2 - 20.2	22.4 - 24.8	27.4 - 30.3
225	124	180	13.4 - 14.9	20.5 - 22.7	25.2 - 27.9	30.8 - 34.0
250	132	179	14.8 - 16.4	22.7 - 25.1	27.9 - 30.8	34.2 - 37.8
280	137	183	16.6 - 18.4	25.4 - 28.1	31.3 - 34.6	38.3 - 42.3
315	175	298	18.7 - 20.7	28.6 - 31.6	35.2 - 38.9	43.1 - 47.6

NOTE:

- ▶ The tolerance limit for the dimensions (H & L) will be 5± mm.
- ▶ e = Thickness at the end.
- ▶ SDR 16 - 11 bar water/10 bar gas.
- ▶ Other SDRs and sizes are also available upon request.



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Miscellaneous Data:

1. Ordering Information

Example: SD-PEMEC-1-40

- SD-PEMEC is the part number
- (1) ISO 4427 (2) API 15LE
- (1) HDPE (2) MDPE
- (40) Size

2. Contact Information

For further information on any aspect of the SHIELD HDPE Moulded Fittings 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