



PLASCO LTD

PLASCO LTD *LIFELINES FOR THE NATION*

**Manufacturers of
HDPE and PVC-U pipes**

An ISO 9001: 2015 Certified Company







Polyethylene Pipes for Water, Mining & Industrial Applications



Custom made
PEHD fittings
from PLASCO

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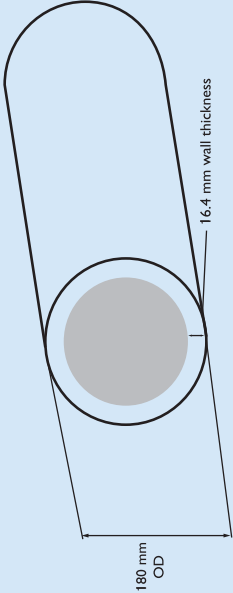
Relationship between wall thickness and outside diameter (OD)
is generally known as STANDARD DIMENSION RATIO (SDR)

ISO 4427 DIMENSIONS

ISO 4427: (Safety Factor : PE 80 = 1.25 and PE 100 = 1.25)

SDR = Normal outside diameter
÷ pipe wall thickness

Example:
180 mm PN16 PE100 pipe
SDR = 180 ÷ 16.4 = 11



OD (mm)	SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11		SDR 9		SDR 7.4	
	PN 6.4 PE 100		PN 8 PE 100		PN 10 PE 100		PN 12.5 PE 100		PN 16 PE 100		PN 20 PE 100		PN 25 PE 100	
	PN 5 PE 80		PN 6.3 PE 80		PN 8 PE 80		PN 10 PE 80		PN 12.5 PE 80		PN 16 PE 80		PN 20 PE 80	
	Min. Wall (mm)		Min. Wall (mm)		Min. Wall (mm)		Min. Wall (mm)		Min. Wall (mm)		Min. Wall (mm)		Min. Wall (mm)	
16	-	-	-	-	-	-	-	-	-	-	2.0	-	2.3	-
20	-	-	-	-	-	-	-	-	2.0	-	2.3	-	-	3.0
25	-	-	-	-	-	-	2.0	-	2.3	-	3.0	-	-	3.5
32	-	-	-	-	2.0	-	2.4	-	3.0	-	3.6	-	-	4.4
40	-	-	2.0	-	2.4	-	3.0	-	3.7	-	4.5	-	-	5.5
50	2.0	-	2.4	-	3.0	-	3.7	-	4.6	-	5.6	-	-	6.9
63	2.5	-	3.0	-	3.8	-	4.7	-	5.8	-	7.1	-	-	8.6
75	2.9	-	3.6	-	4.5	-	5.6	-	6.8	-	8.4	-	-	10.3
90	3.5	-	4.3	-	5.4	-	6.7	-	8.2	-	10.1	-	-	12.3
110	4.2	-	5.3	-	6.6	-	8.1	-	10.0	-	12.3	-	-	15.1
125	4.8	-	6.0	-	7.4	-	9.2	-	11.4	-	14.0	-	-	17.1
140	5.4	-	6.7	-	8.3	-	10.3	-	12.7	-	15.7	-	-	19.2
160	6.2	-	7.7	-	9.5	-	11.8	-	14.6	-	17.9	-	-	21.9
180	6.9	-	8.6	-	10.7	-	13.3	-	16.4	-	20.1	-	-	24.6
200	7.7	-	9.6	-	11.9	-	14.7	-	18.2	-	22.4	-	-	27.4
225	8.6	-	10.8	-	13.4	-	16.6	-	20.5	-	25.2	-	-	30.8
250	9.6	-	11.9	-	14.8	-	18.4	-	22.7	-	27.9	-	-	34.2
280	10.7	-	13.4	-	16.6	-	20.6	-	25.4	-	31.3	-	-	38.3
315	12.1	-	15.0	-	18.7	-	23.2	-	28.6	-	35.2	-	-	43.1
355	13.6	-	16.9	-	21.1	-	26.1	-	32.2	-	39.7	-	-	48.5
400	15.3	-	19.1	-	23.7	-	29.4	-	36.3	-	44.7	-	-	54.7
450	17.2	-	21.5	-	26.7	-	33.1	-	40.9	-	50.3	-	-	61.5
500	19.1	-	23.9	-	29.7	-	36.8	-	45.4	-	55.8	-	-	-
560	21.4	-	26.7	-	33.2	-	41.2	-	50.8	-	62.5	-	-	-
630	24.1	-	30.0	-	37.4	-	46.3	-	57.2	-	-	-	-	-