

## HDPE POLYETHYLENE PIPE ( Solid wall )

- \* Pipes are available in 6 and 12 meter straight lengths, other lengths can be supplied to order.
- \* Pipes up to 110 mm OD are also available in coils of 50m and 100m and can be supplied in longer length on drums.
- \* Pipe can also be extruded with four co-axial stripes.
- \* Pipes are manufactured according to DIN 8074 & DIN 8075

HDPE pipes manufacturing from PE100  
Water network, Drainage, Sewage, Fire fighting system

O.D	PN 5 bar		PN 6 bar		PN 8 bar		PN 10 bar		PN 12.5 bar		PN 16 bar		PN 20 bar		PN 25 bar									
	SDR 33		SDR 26		SDR 21		SDR 17		SDR 13,6		SDR 11		SDR 9		SDR 7,4									
	I.D	S	I.D	S	I.D	S	I.D	S	I.D	S	I.D	S	I.D	S	I.D	S								
16	---	---	---	---	---	---	---	---	---	---	---	---	12.4	1.8	0.094	11.6	2.2	0.099						
20	---	---	---	---	---	---	---	---	16.4	1.8	0.107	16.2	1.9	0.122	15.4	2.3	0.133	14.4	2.8	0.154				
25	---	---	---	---	---	---	---	21.4	1.8	0.137	21.2	1.9	0.144	20.4	2.3	0.171	19.4	2.8	0.200	18	3.5	0.240		
32	---	---	---	---	---	---	---	28.2	1.9	0.187	27.2	2.4	0.232	26.2	2.9	0.272	24.8	3.6	0.327	23.2	4.4	0.386		
40	---	---	36.4	1.8	0.227	36.2	1.9	0.239	35.2	2.4	0.295	34.0	3.0	0.356	32.6	3.7	0.430	31.0	4.5	0.509	29	5.5	0.600	
50	46.4	1.8	0.207	46.0	2.0	0.314	45.2	2.4	0.374	44.0	3.0	0.453	42.6	3.7	0.549	40.8	4.6	0.666	38.8	5.6	0.788	36.2	6.9	0.936
63	59.0	2.0	0.399	58.0	2.5	0.494	57.0	3.0	0.580	55.4	3.6	0.721	53.6	4.7	0.873	51.4	5.8	1.050	48.8	7.1	1.260	45.8	8.6	1.47
75	70.4	2.3	0.551	69.2	2.9	0.675	67.8	3.6	0.828	66.0	4.5	1.020	63.8	5.6	1.240	61.4	6.8	1.470	58.2	8.4	1.760	54.4	10.3	2.009
90	84.4	2.8	0.791	83.0	3.5	0.978	81.4	4.3	1.180	79.2	5.4	1.460	76.6	6.7	1.770	73.6	8.2	2.120	69.8	10.1	2.540	65.4	12.3	3.00
110	103.2	3.4	1.170	101.6	4.2	1.430	99.4	5.3	1.770	96.8	6.6	2.170	93.8	8.1	2.620	90.0	10.0	3.140	85.4	12.3	3.780	79.8	15.1	4.49
125	117.2	3.9	1.510	115.4	4.8	1.840	113.0	6.0	2.270	110.2	7.4	2.760	106.6	9.2	3.370	102.2	11.4	4.080	97.0	14.0	4.870	90.8	17.1	5.77
140	131.4	4.3	1.880	129.2	5.4	2.320	126.6	6.7	2.830	123.4	8.3	3.460	119.4	10.3	4.220	114.6	12.7	5.080	108.6	15.7	6.110	101.6	19.2	7.25
160	150.2	4.9	2.420	147.6	6.2	3.040	144.6	7.7	3.720	141.0	9.5	4.520	136.4	11.8	5.500	130.8	14.6	6.670	124.2	17.9	7.960	116.2	21.9	9.44
180	169.0	5.5	3.070	166.2	6.9	3.790	162.8	8.6	4.670	158.6	10.7	5.710	153.4	13.3	6.990	147.2	16.4	8.420	139.8	20.1	10.100	130.8	24.6	11.9
200	187.6	6.2	3.840	184.6	7.7	4.690	180.8	9.6	5.780	176.2	11.9	7.050	170.6	14.7	8.560	163.6	18.2	10.400	155.2	22.4	12.400	145.2	27.4	14.8
225	211.2	6.9	4.770	207.8	8.6	5.890	203.4	10.8	7.300	198.2	13.41	8.930	191.8	16.6	10.900	184.0	20.5	13.100	174.6	25.2	15.800	163.4	30.80	18.6
250	234.6	7.7	5.920	230.8	9.6	7.300	226.2	11.9	8.930	220.4	14.8	11.000	213.2	18.4	13.400	204.6	22.7	16.200	194.2	27.9	19.400	181.6	34.2	23.0
280	262.8	8.6	7.400	258.6	10.7	9.100	253.2	13.4	11.300	246.8	16.6	13.700	238.8	20.6	16.800	229.2	25.4	20.300	217.4	31.3	24.300	203.4	38.3	28.9
315	295.6	9.7	9.370	290.8	12.1	11.600	285.0	15.0	14.200	277.6	18.7	17.400	268.6	23.2	21.200	257.8	28.6	25.600	244.6	35.2	30.800	228.8	43.1	36.5
355	333.2	10.9	11.800	327.8	13.6	14.600	321.2	16.9	18.000	312.8	21.1	22.100	302.8	26.1	26.900	290.6	32.2	32.500	275.6	39.7	39.100	258	48.5	46.3
400	375.4	12.3	15.100	369.4	15.3	18.600	361.8	19.1	22.900	352.6	23.7	28.000	341.2	29.4	34.100	327.4	36.3	41.300	310.6	44.7	49.600	290.6	54.7	58.8
450	422.4	13.8	19.000	415.6	17.2	23.500	407.0	21.5	28.900	396.9	26.7	35.400	383.8	33.1	43.200	368.2	40.9	52.300	349.4	50.3	62.700	327	61.5	74.4
500	469.4	15.3	23.400	461.8	19.1	28.900	452.2	23.9	35.700	440.6	29.7	43.800	426.4	36.8	53.300	409.2	45.4	64.500	388.4	55.8	77.300	363.4	68.3	91.8
560	525.6	17.2	29.400	517.2	21.4	36.200	506.6	26.7	44.700	493.6	33.2	54.800	477.6	41.2	66.900	458.4	50.8	80.800	435.0	62.5	97.000	---	---	---
630	591.4	19.3	37.100	581.8	24.1	45.900	570.0	30.0	56.400	555.2	37.4	69.400	537.4	46.3	84.600	515.6	57.2	102.000	---	---	---	---	---	---

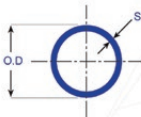
O.D: Outside Diameter

I.D: Inner Diameter

S: Min Wall Thickness

PN: Working Pressure

STANDARD DIMENSION RATIO



$$SDR = \frac{O.D}{S}$$

SDR... standard dimension ratio  
O.D... outside diameter (mm)  
S... wall thickness (mm)