

PE 80 :



Application	Water-Fire-Gas-irrigation-sewage															DIN 8074 - 8075- ISO 4427-ES 1832						
color	Black-Orange-Custom																					
Material	PE 80																					
PN (bar)	3.2				4			6			10			12.5			16					
SDR	41				33			22			13.6			11			9					
Outside diameter (mm)/ weight (Kg/m)	Kg/mt		W. T mm	I.D mm	Kg/mt		W. T mm	I.D mm	Kg/mt		W. T mm	I.D mm	Kg/mt		W. T mm	I.D mm	Kg/mt		W. T mm	I.D mm		
12																						
16																						
20														0.107	1.5	17.1	0.112	1.8	16.4	0.133	2.2	15.6
25														0.144	1.8	21.3	0.171	2.3	20.5	0.200	2.8	19.4
32														0.232	2.4	27.3	0.272	2.9	26.2	0.327	3.6	24.9
40										0.238	1.8	36.4		0.356	2.9	34.1	0.430	3.6	32.7	0.509	4.4	31.1
50					0.287	1.5	47.0		0.361	2.3	45.5		0.549	3.7	42.6	0.656	4.5	40.9	0.788	5.6	38.9	
63	0.364	1.5	59.9		0.399	1.9	59.2		0.563	2.9	57.3		0.873	4.6	53.7	1.050	5.7	51.5	1.260	7.0	49.0	
75	0.457	1.8	71.3		0.551	2.3	70.5		0.807	3.4	68.2		1.240	5.5	64.0	1.470	6.8	61.4	1.760	8.3	58.3	
90	0.643	2.2	85.6		0.791	2.7	84.5		1.140	4.1	81.8		1.770	6.6	76.8	2.120	8.2	73.6	2.540	10.0	70.0	
110	0.943	2.7	104.6		1.170	3.3	103.3		1.670	5.0	100.0		2.620	8.1	93.8	3.140	10.0	90.0	3.780	12.2	85.6	
125	1.230	3.0	118.9		1.510	3.8	117.4		2.160	5.7	113.6		3.370	9.2	106.6	4.080	11.4	102.3	4.870	13.9	97.2	
140	1.540	3.4	133.2		1.880	4.2	131.5		2.720	6.4	127.3		4.220	10.3	119.4	5.080	12.7	114.5	6.110	15.6	108.9	
160	2.000	3.9	152.2		2.420	4.8	150.3		3.540	7.3	145.5		5.500	11.8	136.5	6.670	14.5	130.9	7.960	17.8	124.4	
180	2.490	4.4	171.2		3.070	5.5	169.1		4.470	8.2	163.6		6.980	13.2	153.5	8.420	16.4	147.3	10.100	20.0	140.0	
200	3.050	4.9	190.2		3.840	6.1	187.9		5.510	9.1	181.8		8.560	14.7	170.6	10.400	18.2	163.6	12.400	22.2	155.6	
225	3.860	5.5	214.0		4.770	6.8	211.4		7.000	10.2	204.5		10.900	16.5	191.9	13.100	20.5	184.1	15.800	25.0	175.0	
250	4.830	6.1	237.8		5.920	7.6	234.8		8.590	11.4	227.3		13.400	18.4	213.2	16.200	22.7	204.5	19.400	27.8	194.4	
280	5.980	6.8	266.3		7.400	8.5	263.0		10.800	12.7	254.5		16.800	20.6	238.8	20.300	25.5	229.1	24.300	31.1	217.8	
315	7.520	7.7	299.6		9.370	9.5	295.9		13.600	14.3	286.4		21.200	23.2	268.7	25.600	28.6	257.7	30.800	35.0	245.0	
355	9.550	8.7	337.7		11.800	10.8	333.5		17.300	16.1	322.7		26.900	26.1	302.8	32.500	32.3	290.5	39.100	39.4	276.1	
400	12.100	9.8	380.5		15.100	12.1	375.8		21.900	18.2	363.6		34.100	29.4	341.2	41.300	36.4	327.3	49.600	44.4	311.1	
450	15.300	11.0	428.0		19.000	13.6	422.7		27.700	20.5	409.1		43.200	33.1	383.8	52.300	40.9	368.2	62.700	50.0	350.0	
500	19.000	12.2	475.6		23.400	15.2	469.7		34.200	22.7	454.5		53.300	36.8	426.5	64.500	45.5	409.1	77.300	55.6	388.9	
560	23.600	13.7	532.7		29.400	17.0	526.1		42.800	25.5	509.1		66.900	41.2	477.6	80.800	50.9	458.2	97.000	62.2	435.6	
630	29.900	15.4	599.3		37.100	19.1	591.8		54.100	28.6	572.7		84.600	46.3	537.4	102.000	57.3	515.5				
710	38.000	17.3	675.4		47.200	21.5	667.0		68.700	32.3	645.5		107.000	52.2	605.6	130.000	64.5	580.9				
800	48.100	19.5	761.0		59.70	24.2	751.5		87.200	36.4	727.3		136.00	58.8	682.4							
900	60.900	22.0	856.1		75.60	27.3	845.5		110.000	40.9	818.2		172.00	66.2	767.6							
1000	75.200	24.4	951.2		93.10	30.3	939.4		136.000	45.5	909.1											
1200	108.00	29.3	1141.5		134.00	36.4	1127.3		196.00	54.5	1090.9											

C= 1.25

Application	Water-Fire-Gas-irrigation-sewage															DIN 8074 - 8075- ISO 4427-ES 1832									
color	Black-Orange-Custom																								
Material	PE 80																								
PN (bar)	2.5				3.2			4			6			10			12.5			16					
SDR	51				33			26			17.6			11			9			7.4					
Outside diameter (mm)/ weight (Kg/m)	S (mm)	Kg/mt		W. T mm	I.D mm	Kg/mt		W. T mm	I.D mm	Kg/mt		W. T mm	I.D mm	Kg/mt		W. T mm	I.D mm	Kg/mt		W. T mm	I.D mm				
12																									
16																			0.084	1.8	12.4	0.060	1.6	8.8	
20																			0.133	2.2	15.6	0.099	2.2	11.7	
25														0.137	1.4	22.2	0.171	2.3	20.5	0.200	2.8	19.4	0.240	3.4	18.2
32														0.179	1.8	28.4	0.272	2.9	26.2	0.327	3.6	24.9	0.386	4.3	23.4
40														0.227	1.5	36.9	0.285	2.3	35.5	0.430	3.6	32.7	0.509	4.4	29.2
50														0.314	1.9	46.2	0.440	2.8	44.3	0.666	4.5	40.9	0.788	5.6	36.5
63														0.399	1.9	59.2	0.494	2.4	58.2	0.688	3.6	55.8	1.050	5.7	46.0
75	1.8	0.436	1.5	72.1		0.551	2.3	70.5	0.675	2.9	69.2		0.976	4.3	66.5	1.470	6.8	61.4	1.760	8.3	58.3	2.090	10.1	54.7	
90	1.8	0.525	1.8	86.5		0.791	2.7	84.5	0.978	3.5	83.1		1.390	5.1	79.8	2.120	8.2	73.6	2.540	10.0	70.0	3.000	12.2	65.7	
110	2.2	0.786	2.2	105.7		1.170	3.3	103.3	1.430	4.2	101.5		2.080	6.3	97.5	3.140	10.0	90.0	3.780	12.2	85.6	4.490	14.9	80.3	
125	2.5	1	2.5	120.1		1.510	3.8	117.4	1.840	4.8	115.4		2.660	7.1	110.8	4.080	11.4	102.3	4.870	13.9	97.2	5.770	16.9	91.2	
140	2.8	1.25	2.7	134.5		1.880	4.2	131.5	2.320	5.4	129.2		3.340	8.0	124.1	5.080	12.7	114.5	6.110	15.6	108.9	7.250	18.9	102.2	
160	3.2	1.63	3.1	153.7		2.420	4.8	150.3	3.040	6.2	147.7		4.350	9.1	141.8	6.670	14.5	130.9	7.960	17.8	124.4	9.440	21.6	116.8	
180	3.6	2.05	3.5	172.9		3.070	5.5	169.1	3.790	6.9	166.2		5.480	10.2	159.5	8.420	16.4	147.3	10.100	20.0	140.0	11.900	24.3	131.4	
200	3.9	2.46	3.9	192.2		3.840	6.1	187.9	4.690	7.7	184.6		6.790	11.4	177.3	10.400	18.2	163.6	12.400	22.2	155.6	14.800	27.0	145.9	
225	4.4	3.12	4.4	216.2		4.770	6.8	211.4	5.890	8.7	207.7		8.550	12.8	199.4	13.100	20.5	184.1	15.800	25.0	175.0	18.600	30.4	164.2	
250	4.9	3.83	4.9	240.2		5.920	7.6	234.8	7.000	9.6	230.8		10.600	14.2	221.6	16.200	22.7	204.5	19.400	27.8	194.4	23.000	33.8	182.4	
280	5.5	4.83	5.5	269.0		7.400	8.5	263.0	9.100	10.8	258.5		13.200	15.9	248.2	20.300	25.5	229.1	24.300	31.1	217.8	28.900	37.8	204.3	
315	6.2	6.12	6.2	302.6		9.370	9.5	295.9	11.600	12.1	290.8		16.700	17.9	279.2	25.600	28.6	257.7	30.800	35.0	245.0	36.500	42.6	229.9	
355	7	7.73	7.0	341.1		11.800	10.8	333.5	14.600	13.7	327.7		21.200	20.2	314.7	32.500	32.3	290.5	39.100	39.4	276.1	46.300	48.0	259.1	
400	7.9	9.82	7.8	384.3		15.100	12.1	375.8	18.600	15.4	369.2		26.900	22.7	354.5	41.300	36.4	327.3	49.600	44.4	311.1	58.800	54.1	291.9	
450	8.8	12.3	8.8	432.4		19.000	13.6	422.7	23.500	17.3	415.4		34.000	25.6	398.9	52.300	40.9	368.2	62.700	50.0	350.0	74.400	60.8	328.4	
500	9.8	15.2	9.8	480.4		23.400	15.2	469.7	28.900	19.2	461.5		42.000	28.4	443.2	64.500	45.5	409.1	77.300	55.6	388.9	91.800	67.6	364.9	
560	11	19.1	11.0	538.0		29.400	17.0	526.1	36.200	21.5	516.9		52.500	31.8	496.4	80.800	50.9	458.2	97.000	62.2	435.6				
630	12.3	24	12.4	605.3		37.100	19.1	591.8	45.900	24.2	581.5		66.500	35.8	558.4	102.000	57.3	515.5							
710	13.9	30.5	13.9	682.2		47.200</																			