

PE 100 :



Application	Water-Fire-Gas-irrigation-sewage																				
color	Black-Orange-Custom																				
material	PE 100																				
WP (bar)	4			6			8			10			12.5			16			20		
SDR (D/S)	41			26			21			17			13.6			11			9		
Outside diameter (mm)/ weight (Kg/m)	Weight Kg/m	Wall Thickness mm	Internal Diameter mm	Weight Kg/m	Wall Thickness mm	Internal Diameter mm	Weight Kg/m	Wall Thickness mm	Internal Diameter mm	Weight Kg/m	Wall Thickness mm	Internal Diameter mm	Weight Kg/m	Wall Thickness mm	Internal Diameter mm	Weight Kg/m	Wall Thickness mm	Internal Diameter mm	Weight Kg/m	Wall Thickness mm	Internal Diameter mm
20													0.11	1.8	16	0.11	1.9	16.2	0.13	2.3	15.4
25										0.14	1.80	21.4	0.14	1.9	21	0.17	2.3	20.5	0.2	2.8	19.4
32										0.19	1.90	28.2	0.23	2.4	27	0.27	2.9	26.2	0.33	3.6	24.9
40				0.23	1.8	36.4	0.24	1.90	36.2	0.3	2.40	35.2	0.36	3.0	34	0.43	3.7	32.6	0.51	4.5	31.0
50				0.31	2.0	46.0	0.37	2.40	45.2	0.45	3.00	44.0	0.55	3.7	43	0.67	4.6	40.8	0.79	5.6	38.9
63	0.364	1.80	59.4	0.49	2.5	58.0	0.58	3.00	57.0	0.72	3.80	55.4	0.87	4.7	54	1.05	5.8	51.4	1.26	7.1	48.8
75	0.457	1.90	71.2	0.68	2.9	69.2	0.83	3.60	67.8	1.02	4.50	66.0	1.24	5.6	64	1.47	6.8	61.4	1.76	8.4	58.2
90	0.643	2.20	85.6	0.98	3.5	83.1	1.18	4.30	81.4	1.46	5.40	79.2	1.77	6.7	77	2.12	8.2	73.6	2.54	10.1	69.8
110	0.943	2.70	105	1.43	4.2	101.5	1.77	5.30	99.4	2.17	6.60	96.8	2.62	8.1	94	3.14	10.0	90.0	3.78	12.3	85.4
125	1.23	3.10	119	1.84	4.8	115.4	2.27	6.00	113.0	2.76	7.40	110.2	3.37	9.2	107	4.08	11.4	102.3	4.87	14.0	97.0
140	1.54	3.50	133	2.32	5.4	129.2	2.83	6.70	126.6	3.46	8.30	123.4	4.22	10.3	119	5.08	12.7	114.5	6.11	15.7	108.6
160	2.00	4.00	152	3.04	6.2	147.7	3.72	7.70	144.6	4.52	9.50	141.0	5.5	11.8	136	6.67	14.6	130.8	7.96	17.9	124.2
180	2.49	4.40	171	3.79	6.9	166.2	4.67	8.60	162.8	5.71	10.70	158.6	6.98	13.3	153	8.42	16.4	147.2	10.1	20.1	139.8
200	3.05	4.90	190	4.69	7.7	184.6	5.78	9.60	180.8	7.05	11.90	176.2	8.56	14.7	171	10.4	18.2	163.6	12.4	22.4	155.2
225	3.86	5.50	214	5.89	8.6	207.8	7.3	10.80	203.4	8.93	13.40	198.2	10.9	16.6	192	13.1	20.5	184.1	15.8	25.2	174.6
250	4.83	6.20	238	7.3	9.6	230.8	8.93	11.90	226.2	11	14.80	220.4	13.4	18.4	213	16.2	22.7	204.5	19.4	27.9	194.2
280	5.98	6.90	266	9.1	10.7	258.6	11.3	13.40	253.2	13.7	16.60	246.8	16.8	20.6	239	20.3	25.4	229.2	24.3	31.3	217.4
315	7.52	7.70	300	11.6	12.1	290.8	14.2	15.00	285.0	17.4	18.70	277.6	21.2	23.2	269	25.6	28.6	257.7	30.8	35.2	244.6
355	9.55	8.70	338	14.6	13.6	327.8	18	16.90	321.2	22.1	21.10	312.8	26.9	26.1	303	32.5	32.2	290.6	39.1	39.7	275.6
400	12.10	9.80	380	18.6	15.3	369.4	22.9	19.10	361.8	28	23.70	352.6	34.1	29.4	341	41.3	36.3	327.4	49.6	44.7	310.6
450	15.30	11.00	428	23.5	17.2	415.6	28.9	21.50	407.0	35.4	26.70	396.6	43.2	33.1	384	52.3	40.9	368.2	62.7	50.3	349.4
500	19.00	12.30	475	28.9	19.1	461.8	35.7	23.90	452.2	43.8	29.70	440.6	53.3	36.8	426	64.5	45.4	409.2	77.3	55.8	388.4
560	23.60	13.70	533	36.2	21.4	517.2	44.7	26.70	506.6	54.8	33.20	493.6	66.9	41.2	478	80.8	50.8	458.4	97	62.5	435.0
630	29.90	15.40	599	45.9	24.1	581.8	56.4	30.00	570.0	69.4	37.40	555.2	84.6	46.3	537	102	57.2	515.6			
710	38	17.40	675	58.4	27.2	655.6	71.8	33.90	642.2	88.1	42.10	625.8	107	52.2	606	130	64.5	581.0			
800	48.1	19.60	761	73.9	30.6	738.8	91.1	38.10	723.8	112	47.40	705.2	136	58.8	682	154	72.7	654.6			
900	60.9	22.00	856	93.4	34.4	831.2	115	42.90	814.2	141	53.30	793.4	172	66.1	768	222	81.8	736.4			
1000	75.2	24.50	951	115	38.2	923.6	142	47.70	904.6	175	59.30	881.4	212	73.5	853	274	90.9	818.2			
1200	108	29.40	1140	166	45.9	1108.2	205	57.20	1085.6	250	70.60	1058.8	320	88.2	1024	390	109.1	981.8			
Reference	DIN 8074 - 8075- ISO 4427-ES 1832																				