PE 100 - PIPES

STANDARDS:
EN 12201-2 / ISO 4427 / DIN 8074
DESIGN STRESS: = 8.0MPA

SAFETY FACTOR: C=1.25
COLOUR: black with white inside layer and coextruded blue lines or light blue with white inside layer

1) SDR 41 – pipes for drinking water supply systems are not produced
2) SDR 26 – not produced in coils
s – wall thickness
OD – outside diameter
***** Admissible operating pressure

DN mm	SDR 41[2] C 20 * PN 4		SDR 26[3] C 12.5 * PN 6		SDR 21 C 10 * PN 8		SDR 17 C 8 * PN 10		SDR 13.6 C 6.3 * PN 12.5		SDR 11 C 5 * PN 16		SDR 9 C 4 * PN 20		SDR 7.4 C 4 * PN 25		SDR 6 C 2.5 * PN 32	
	s (mm)	WEIGHT (kg/m)	s (mm)	WEIGHT (kg/m)	s (mm)	WEIGHT (kg/m)	s (mm)	WEIGHT (kg/m)	s (mm)	WEIGHT (kg/m)	s (mm)	WEIGHT (kg/m)	s (mm)	WEIGHT (kg/m)	s (mm)	WEIGHT (kg/m)	s (mm)	WEIGHT (kg/m)
16	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-			-	-	1.9	0.11	1.9	0.112	2.3	0.133	2.8	0.154	3.4	0.18
25	-	-	-	-			1.8	0.137	2.0	0.15	2.3	0.171	2.8	0.200	3.5	0.240	4.2	0.278
32	-	-	-	-			1.9	0.187	2.4	0.22	2.9	0.272	3.6	0.327	4.4	0.386	5.4	0.454
40	-	-	1.8	0.227	2	0.25	2.4	0.295	3.0	0.35	3.7	0.430	4.5	0.509	5.5	0.600	6.7	0.701
50	-	-	2.0	0.314	2.4	0.37	3.0	0.453	3.7	0.54	4.6	0.666	5.6	0.788	6.9	0.936	8.3	1.09
63	-	-	2.5	0.494	3	0.58	3.8	0.721	4.7	0.87	5.8	1.05	7.1	1.26	8.6	1.47	10.5	1.73
75	-	-	2.9	0.675	3.6	0.8	4.5	1.02	5.6	1.23	6.8	1.47	8.4	1.76	10.3	2.09	12.5	2.44
90	-	-	3.5	0.978	4.3	1.19	5.4	1.46	6.7	1.76	8.2	2.12	10.1	2.54	12.3	3.00	15.0	3.51
110	2.7	0.943	4.2	1.43	5.3	1.78	6.6	2.17	8.1	2.61	10.0	3.14	12.3	3.78	15.1	4.49	18.3	5.24
125	3.1	1.23	4.8	1.84	6	2.28	7.4	2.76	9.2	3.37	11.4	4.08	14.0	4.87	17.1	5.77	20.8	6.75
140	3.5	1.54	5.4	2.32	6.7	2.85	8.3	3.46	10.3	4.22	12.7	5.08	15.7	6.11	19.2	7.25	23.3	8.47
160	4.0	2.0	6.2	3.04	7.7	3.74	9.5	4.52	11.8	5.53	14.6	6.67	17.9	7.96	21.9	9.44	23.6	11.0
180	4.4	2.49	6.9	3.79	8.6	4.70	10.7	5.71	13.3	7.01	16.4	8.42	20.1	10.1	24.6	11.9	29.9	14.0
200	4.9	3.05	7.7	4.69	9.6	5.82	11.9	7.05	14.7	8.57	18.2	10.4	22.4	12.4	27.4	14.8	33.2	17.2
225	5.5	3.86	8.6	5.89	10.8	7.36	13.4	8.93	16.6	10.89	20.5	13.1	25.2	15.8	30.8	18.6	37.4	21.8
250	6.2	4.83	9.6	7.30	11.9	9.00	14.8	11.0	18.4	13.41	22.7	16.2	27.9	19.4	34.2	23.0	41.6	27.0
280	6.9	5.98	10.7	9.10	13.4	11.36	16.6	13.7	20.6	16.90	25.4	20.3	31.3	24.3	38.3	28.9	46.5	33.8
315	7.7	7.52	12.1	11.6	15	14.28	18.7	17.4	23.2	21.30	28.6	25.6	35.2	30.8	43.1	36.5	52.3	42.7
355	8.7	9.55	13.6	14.6	16.9	18.13	21.1	22.1	26.1	27.14	32.2	32.5	39.7	39.1	48.5	46.3	59.0	54.3
400	9.8	12.1	15.3	18.6	19.1	23.12	23.7	28.0	29.4	34.29	36.3	41.3	44.7	49.6	54.7	58.8	66.5	68.9
450	11.0	15.3	17.2	23.5	21.5	29.24	26.7	35.4	33.1	43.63	40.9	52.3	50.3	62.7	61.5	74.4	75.2	89.41
500	12.3	19.0	19.1	28.9	23.9	36.07	29.7	43.8	36.8	53.90	45.4	64.5	55.8	77.3	68.3	91.8	83.5	110.30
560	13.7	23.6	21.4	36.2	26.7	45.15	33.2	54.8	41.2	67.27	50.8	80.8	62.5	97.0	-	-	-	-
630	15.4	29.9	24.1	45.9	30	57.03	37.4	69.4	46.3	85.14	57.2	102	70.3	125.7	-	-	-	-
710	17.4	38.0	27.2	58.4	33.9	65.54	42.1	89	52.2	108.69	64.5	130	79.3	151.6	-	-	-	-
800	19.6	48.1	30.6	73.9	38.1	92.26	47.4	113	58.8	137.3	72.6	171.1	89.3	205.2	-	-	-	-