

## TECHNICAL DATA

### ISO 4427 PE 100 Design stress 8.0 MPa

Size Designation DN  de mm	Wall series											
	S-12.5 (SDR 26)			S-8 (SDR 17)			S-5 (SDR 11)			S-4 (SDR 9)		
	Nominal pressures											
	PN 6.3			PN 10			PN 16			PN 20		
	e mm	di mm	kg/m	e mm	di mm	kg/m	e mm	di mm	kg/m	e mm	di mm	kg/m
20	-	-	-	-	-	-	-	-	-	2.3	15.4	0.14
25	-	-	-	-	-	-	2.3	20.4	0.18	2.8	19.4	0.22
32	-	-	-	-	-	-	2.9	26.2	0.29	3.6	24.8	0.34
40	2.0	36.0	0.25	2.4	35.2	0.31	3.7	32.6	0.45	4.5	31.0	0.53
50	2.0	46.0	0.32	3.0	44.0	0.47	4.6	40.8	0.69	5.6	38.8	0.82
63	2.5	58.0	0.48	3.8	55.4	0.75	5.8	51.4	1.09	7.1	48.8	1.30
75	2.9	69.2	0.69	4.5	66.0	1.05	6.8	61.4	1.53	8.4	58.2	1.83
90	3.5	83.0	0.99	5.4	79.2	1.52	8.2	73.6	2.20	10.1	69.8	2.64
110	4.2	101.6	1.45	6.6	96.8	2.24	10.0	90.0	3.26	12.3	85.4	3.91
125	4.8	115.4	1.87	7.4	110.2	2.87	11.4	102.2	4.23	14.0	97.0	5.05
140	5.4	129.2	2.36	8.3	123.4	3.59	12.7	114.6	5.26	15.7	108.6	6.34
160	6.2	147.6	3.09	9.5	141.0	4.69	14.6	130.8	6.91	17.9	124.2	8.25
180	6.9	166.2	3.85	10.7	158.6	5.92	16.4	147.2	8.73	20.1	139.8	10.40
200	7.7	184.6	4.77	11.9	176.2	7.31	18.2	163.6	10.80	22.4	155.2	12.90
225	8.6	207.8	5.99	13.4	198.2	9.28	20.5	184.0	13.60	25.2	174.6	16.30
250	9.6	230.8	7.41	14.8	220.4	11.40	22.7	204.6	16.70	27.9	194.2	20.10
280	10.7	258.6	9.24	16.6	246.8	14.30	25.4	229.2	21.00	31.3	217.4	25.10
315	12.1	290.8	11.80	18.7	277.6	18.00	28.6	257.8	26.60	35.2	244.6	31.70
355	13.6	327.8	14.90	21.1	312.8	23.00	32.2	290.6	33.70	39.7	275.6	40.30
400	15.3	369.4	18.80	23.7	352.6	29.00	36.3	327.4	42.80	44.7	310.6	51.20
450	17.2	415.6	24.30	26.7	396.6	36.80	40.9	368.2	54.30	50.3	349.4	64.70
500	19.1	461.8	30.00	29.7	440.6	45.30	45.4	409.2	66.90	55.8	388.4	79.90
560	21.4	517.2	37.70	33.2	493.6	56.90	50.8	458.4	83.80	-	-	-
630	24.1	581.8	47.70	37.4	555.2	71.90	57.2	515.6	106.00	-	-	-
710	27.2	655.6	60.50	42.1	625.8	91.40	-	-	-	-	-	-
800	30.6	738.8	76.70	47.4	705.2	116.00	-	-	-	-	-	-
900	34.4	831.2	97.00	53.3	793.4	147.00	-	-	-	-	-	-
1000	38.2	923.6	120.00	59.3	881.4	181.00	-	-	-	-	-	-
1200	45.9	1108.2	172.00	-	-	-	-	-	-	-	-	-
1400	53.5	1293.0	234.00	-	-	-	-	-	-	-	-	-
1600	61.2	1477.6	306.00	-	-	-	-	-	-	-	-	-

- S** -Pipe series Number
- SDR** -Standard Dimension Ratio
- de** - Outside diameter of the pipe
- di** -Inside diameter of the pipe
- e** -Wall thickness
- PN** -Normal pressure rating (bar)