

## Wall thickness and mass table according to INSO 14427-2

PE100	PN4		PN5		PN6		PN8		PN10		PN12.5		PN16		PN20		PN25		
SDR	41		33		26		21		17		13.6		11		9		7.4		
d	S MM	Mass in Kg/m	S MM	Mass in Kg/m	S MM	Mass in Kg/m	S MM	Mass in Kg/m	S MM	Mass in Kg/m	S MM	Mass in Kg/m	S MM	Mass in Kg/m	S MM	Mass in Kg/m	S MM	Mass in Kg/m	
20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	.117	2.3	.133	3.0	.154	
25	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.0	.144	2.3	.171	3.0	.200	3.5	.240
32	-----	-----	-----	-----	-----	-----	-----	-----	2.0	.187	2.4	.232	3.0	.279	3.6	.327	4.4	.386	
40	-----	-----	-----	-----	1.8	.227	2.0	.239	2.4	.295	3.0	.356	3.7	.430	4.5	.509	5.5	.600	
50	-----	-----	1.8	.287	2.0	.314	2.4	.374	3.0	.453	3.7	.549	4.6	.666	5.6	.788	6.9	.936	
63	1.8	.364	2.0	.399	2.5	.494	3.0	.580	3.8	.721	4.7	.873	5.8	1.05	7.1	1.26	8.6	1.47	
75	2.0	.457	2.3	.551	2.9	.675	3.6	.828	4.5	1.02	5.6	1.24	6.8	1.47	8.4	1.76	10.3	2.09	
90	2.2	.643	2.8	.791	3.5	.978	4.3	1.18	5.4	1.46	6.7	1.77	8.2	2.12	10.1	2.54	12.3	3.00	
110	2.7	.943	3.4	1.17	4.2	1.43	5.3	1.77	6.6	2.17	8.1	2.62	10	3.14	12.3	3.78	15.1	4.49	
125	3.1	1.23	3.9	1.51	4.8	1.84	6.0	2.27	7.4	2.76	9.2	3.37	11.4	4.08	14	4.84	17.1	5.77	
140	3.5	1.54	4.3	1.88	5.4	2.32	6.7	2.83	8.3	3.46	10.3	4.22	12.7	5.08	15.7	6.11	19.2	7.25	
160	4.0	2.0	4.9	2.42	6.2	3.04	7.7	3.72	9.5	4.52	11.8	5.50	14.6	6.67	17.9	7.96	21.9	9.44	
180	4.4	2.49	5.5	3.07	6.9	3.79	8.6	4.67	10.7	5.71	13.3	6.98	16.4	8.42	20.1	10.1	24.6	11.9	
200	4.9	3.05	6.2	3.84	7.7	4.69	9.6	5.78	11.9	7.05	14.7	8.56	18.2	10.4	22.4	12.4	27.4	14.8	
225	5.5	3.86	6.9	4.77	8.6	5.89	10.8	7.30	13.4	8.93	16.6	10.9	20.5	13.1	25.2	15.8	30.8	18.6	
250	6.2	4.83	7.7	5.92	9.6	7.30	11.9	8.93	14.8	11.0	18.4	13.4	22.7	16.2	27.9	19.4	34.2	23	
280	6.9	5.98	8.6	7.40	10.7	9.10	13.4	11.3	16.6	13.7	20.6	16.8	25.4	20.3	31.3	24.3	38.3	28.9	
315	7.7	7.52	9.7	9.37	12.1	11.6	15.0	14.2	18.7	17.4	23.2	21.2	28.6	25.6	35.2	30.8	43.1	36.5	
355	8.7	9.55	10.9	11.8	13.6	14.6	16.9	18.0	21.1	22.1	26.1	26.9	32.2	32.5	39.7	39.1	48.5	46.3	
400	9.8	12.1	12.3	15.1	15.3	18.6	19.1	22.9	23.7	28.0	29.4	34.1	36.3	41.3	44.7	49.6	54.7	58.8	
450	11.0	15.3	13.8	19.0	17.2	23.5	21.5	28.9	26.7	35.4	33.1	43.2	40.9	52.3	50.3	62.7	61.5	74.4	
500	12.3	19.0	15.3	23.4	19.1	28.9	23.9	35.7	29.7	43.8	36.8	53.3	45.4	64.5	55.8	77.3	68.3	91.8	



جدول فوق براساس استاندارد INSO 14427-2 برای مواد PE100 با شرایط دمایی ۲۰ درجه سانتیگراد و ۵۰ سال فشار کار مجاز تنظیم گردیده است.

