

# Wallthickness and mass table according to DIN 8074

PIPE SERIES	25	20	16	12.5	10.5	10	8.3	8	6.3	5	4	3.2	2.5	2														
SDR	51	41	33	26	22	21	17.6	17	13.6	11	9	7.4	6	5														
PE63	PN2	PN2.5	PN3.2	PN4	PN4.8	PN5	PN6	PN6.3	PN8	PN10	PN12.4	PN15.9	PN19.9	PN24.9														
PE80	PN2.5	PN3.2	PN4	PN5	PN6	PN6.3	PN7.5	PN8	PN10	PN12.5	PN16	PN20	PN25	PN32														
PE100	PN3.2	PN4	PN5	PN6.3	PN7.5	PN8	PN9.6	PN10	PN12.5	PN16	PN20	PN25	PN32	PN40														
d mm	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	s mm	mass in kg/m	s mm	mass in kg/m	s mm	mass in kg/m	s mm	mass in kg/m		
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	0.048	2.0	0.052	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	0.060	2.0	0.064	2.4	0.074
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	0.084	2.2	0.099	2.7	0.115	3.3	0.133	
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	0.107	1.9	0.112	2.3	0.133	2.8	0.154	3.4	0.180	4.1	0.207
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	0.137	1.9	0.144	2.3	0.171	2.8	0.200	3.5	0.240	4.2	0.278	5.1	0.320
32	-	-	-	-	-	-	-	-	-	-	-	-	1.8	0.179	1.9	0.187	2.4	0.232	2.9	0.272	3.6	0.327	4.4	0.386	5.4	0.454	6.5	0.520
40	-	-	-	-	-	-	1.8	0.227	1.9	0.238	1.9	0.239	2.3	0.285	2.4	0.295	3.0	0.356	3.7	0.430	4.5	0.509	5.5	0.600	6.7	0.701	8.1	0.809
50	-	-	-	-	1.8	0.287	2.0	0.314	2.3	0.361	2.4	0.374	2.9	0.440	3.0	0.453	3.7	0.549	4.6	0.666	5.6	0.788	6.9	0.936	8.3	1.09	10.1	1.26
63	-	-	1.8	0.364	2.0	0.399	2.5	0.494	2.9	0.563	3.0	0.580	3.6	0.688	3.8	0.721	4.7	0.873	5.8	1.05	7.1	1.26	8.6	1.47	10.5	1.73	12.7	1.99
75	1.8	0.436	1.9	0.457	2.3	0.551	2.9	0.675	3.5	0.807	3.6	0.828	4.3	0.976	4.5	1.02	5.6	1.24	6.8	1.47	8.4	1.76	10.3	2.09	12.5	2.44	15.1	2.82
90	1.8	0.525	2.2	0.643	2.8	0.791	3.5	0.98	4.1	1.14	4.3	1.18	5.1	1.39	5.4	1.46	6.7	1.77	8.2	2.12	10.1	2.54	12.3	3.00	15.0	3.51	18.1	4.05
110	2.2	0.786	2.7	0.943	3.4	1.17	4.2	1.43	5.0	1.67	5.3	1.77	6.3	2.08	6.6	2.17	8.1	2.62	10.0	3.14	12.3	3.78	15.1	4.49	18.3	5.24	22.1	6.04
125	2.5	1.00	3.1	1.23	3.9	1.51	4.8	1.84	5.7	2.16	6.0	2.27	7.1	2.66	7.4	2.76	9.2	3.37	11.4	4.08	14.0	4.87	17.1	5.77	20.8	6.75	25.1	7.79
140	2.8	1.25	3.5	1.54	4.3	1.88	5.4	2.32	6.4	2.72	6.7	2.83	8.0	3.34	8.3	3.46	10.3	4.22	12.7	5.08	15.7	6.11	19.2	7.25	23.3	8.47	28.1	9.76
160	3.2	1.63	4.0	2.0	4.9	2.42	6.2	3.04	7.3	3.54	7.7	3.72	9.1	4.35	9.5	4.52	11.8	5.50	14.6	6.67	17.9	7.96	21.9	9.44	26.6	11.0	32.1	12.7
180	3.6	2.05	4.4	2.49	5.5	3.07	6.9	3.79	8.2	4.47	8.6	4.67	10.2	5.48	10.7	5.71	13.3	6.98	16.4	8.42	20.1	10.1	24.6	11.9	29.9	14.0	36.1	16.1
200	3.9	2.46	4.9	3.05	6.2	3.84	7.7	4.69	9.1	5.51	9.6	5.78	11.4	6.79	11.9	7.05	14.7	8.56	18.2	10.4	22.4	12.4	27.4	14.8	33.2	17.2	40.1	19.9
225	4.4	3.12	5.5	3.86	6.9	4.77	8.6	5.89	10.3	7.00	10.8	7.30	12.8	8.55	13.4	8.93	16.6	10.9	20.5	13.1	25.2	15.8	30.8	18.6	37.4	21.8	45.1	25.2
250	4.9	3.83	6.2	4.83	7.7	5.92	9.6	7.30	11.4	8.59	11.9	8.93	14.2	10.6	14.8	11.0	18.4	13.4	22.7	16.2	27.9	19.4	34.2	23.0	41.6	27.0	50.1	31.1
280	5.5	4.83	6.9	5.98	8.6	7.40	10.7	9.10	12.8	10.8	13.4	11.3	15.9	13.2	16.6	13.7	20.6	16.8	25.4	20.3	31.3	24.3	38.3	28.9	46.5	33.8	56.2	39.0
315	6.2	6.12	7.7	7.52	9.7	9.37	12.1	11.6	14.4	13.6	15.0	14.2	17.9	16.7	18.7	17.4	23.2	21.2	28.6	25.6	35.2	30.8	43.1	36.5	52.3	42.7	63.2	49.3
355	7.0	7.73	8.7	9.55	10.9	11.8	13.6	14.6	16.2	17.3	16.9	18.0	20.1	21.2	21.1	22.1	26.1	26.9	32.2	32.5	39.7	39.1	48.5	46.3	59.0	54.3	-	-
400	7.9	9.82	9.8	12.1	12.3	15.1	15.3	18.6	18.2	21.9	19.1	22.9	22.7	26.9	23.7	28.0	29.4	34.1	36.3	41.3	44.7	49.6	54.7	58.8	66.5	68.9	-	-
450	8.8	12.3	11.0	15.3	13.8	19.0	17.2	23.5	20.5	27.7	21.5	28.9	25.5	34.0	26.7	35.4	33.1	43.2	40.9	52.3	50.3	62.7	61.5	74.4	-	-	-	-
500	9.8	15.2	12.3	19.0	15.3	23.4	19.1	28.9	22.8	34.2	23.9	35.7	28.4	42.0	29.7	43.8	36.8	53.3	45.4	64.5	55.8	77.3	68.3	91.8	-	-	-	-

The table is according to DIN 8074 for material PE100 , PE80 . PE63 with SF 1/25 , 20`temp and 50 years work pressure limitation