



DIN 8061/62 :2009 : PVC-U Pressure Pipes (SF=2.5)*

Dimensions in millime

Wall Thickness (mm)																																		
SF	2.5			2.5			2.5			2.5			2.5			2.5			2.5			2.5			2.5									
PN	1.6			4			5			6			8			10			12.5			16			20			25						
S	S 63			S 25			S 20			S 16.7			S 12.5			S 10			S 8			S 6.3			S 5			S 4						
SDR	SDR 127			SDR 51			SDR 41			SDR 34.4			SDR 26			SDR 21			SDR 17			SDR 13.6			SDR 11			SDR 9						
Nominal Outside Diameter dn(mm)	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m				
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	1.5	0.062	1.4	1.8	0.074			
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1.6	0.091	1.5	1.9	0.108	1.8	2.2	0.125
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.9	0.139	1.9	2.3	0.168	2.3	2.8	0.199
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.9	0.177	1.9	2.3	0.215	2.3	2.8	0.225	2.8	3.3	0.299		
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	2	0.243	1.9	2.3	0.28	2.4	2.9	0.347	2.9	3.4	0.405	3.6	4.2	0.489				
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	2	0.307	1.9	2.3	0.355	2.4	2.9	0.442	3	3.5	0.533	3.7	4.3	0.642	4.5	5.2	0.761		
50	-	-	-	-	-	-	-	-	-	1.5	1.9	0.366	2	2.4	0.469	2.4	2.9	0.56	3	3.5	0.678	3.7	4.3	0.821	4.6	5.3	0.995	5.6	6.4	1.18				
63	-	-	-	-	-	-	1.6	2	0.491	1.9	2.3	0.571	2.5	3	0.739	3	3.5	0.866	3.8	4.4	1.08	4.7	5.4	1.31	5.8	6.6	1.571	7	7.9	1.85				
75	-	-	-	1.5	1.9	0.556	1.9	2.3	0.683	2.2	2.7	0.793	2.9	3.4	1.01	3.6	4.2	1.24	4.5	5.2	1.52	5.6	6.4	1.85	6.8	7.7	2.191	8.4	9.5	2.64				
90	-	-	-	1.8	2.2	0.785	2.2	2.7	0.957	2.7	3.2	1.15	3.5	4.1	1.46	4.3	5	1.77	5.4	6.2	2.18	6.7	7.6	2.64	8.2	9.3	3.172	10.1	11.4	3.8				
110	1.8	2.2	0.964	2.2	2.7	1.18	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	13.8	5.64				
125	1.8	2.2	1.1	2.5	3	1.5	3.1	3.7	1.84	3.7	4.3	2.16	4.8	5.5	2.75	6	6.8	3.39	7.4	8.4	4.13	9.2	10.4	5.04	11.4	12.8	6.094	14	15.6	7.28				
140	1.8	2.2	1.23	2.8	3.3	1.86	3.5	4.1	2.31	4.1	4.8	2.69	5.4	6.2	3.47	6.7	7.6	4.24	8.3	9.4	5.18	10.3	11.6	6.3	12.7	14.2	7.593	15.7	17.5	9.14				
160	1.8	2.2	1.41	3.2	3.8	2.44	4	4.6	2.99	4.7	5.4	3.49	6.2	7.1	4.55	7.7	8.7	5.55	9.5	10.7	6.75	11.8	13.2	8.23	14.6	16.3	9.963	17.9	19.9	11.9				
180	1.8	2.2	1.59	3.6	4.2	3.06	4.4	5.1	3.71	5.3	6.1	4.43	6.9	7.8	5.66	8.6	9.7	6.97	10.7	12	8.54	13.3	14.9	10.4	16.4	18.3	12.59	20.1	22.4	15				
200	1.8	2.2	1.77	3.9	4.5	3.67	4.9	5.6	4.56	5.9	6.7	5.44	7.7	8.7	7.02	9.6	10.8	8.64	11.9	13.3	10.5	14.7	16.4	12.8	18.2	20.3	15.52	22.4	24.9	18.6				
225	1.8	2.2	1.99	4.4	5.1	4.67	5.5	6.3	5.77	6.6	7.5	6.85	8.6	9.7	8.81	10.8	12.1	10.9	13.4	15	13.4	16.6	18.5	16.2	20.5	22.8	19.64	25.2	28	23.5				
250	2	2.4	2.43	4.9	5.6	5.73	6.2	7.1	7.22	7.3	8.3	8.43	9.6	10.8	10.91	11.9	13.3	13.3	14.8	16.5	16.4	18.4	20.5	20	22.7	25.2	24.15	27.9	30.9	28.9				
280	2.2	2.7	3.03	5.5	6.3	7.21	6.9	7.8	7.81	8.2	9.3	10.6	12	13.4	15.1	13.4	15	16.8	16.6	18.5	20.8	20.6	22.9	25.1	25.4	28.2	30.3	31.3	34.7	36.4				
315	2.5	3	3.83	6.2	7.1	9.15	7.7	8.7	11.2	9.2	10.4	13.3	13.5	15.1	19.2	15	16.7	21.2	18.7	20.8	26	23.2	25.8	31.8	28.6	31.7	38.3	-	-	-				
355	2.8	3.3	4.79	7	7.9	11.6	8.7	9.8	14.3	10.4	11.7	17	15.2	17	24.3	16.9	18.8	26.8	21.1	23.5	33.1	26.1	29	40.2	-	-	-	-	-	-				
400	3.2	3.8	6.19	7.9	8.9	14.7	9.8	11	18.1	11.7	13.1	21.4	17.1	19.1	30.8	19.1	21.3	34.2	23.7	26.3	41.8	29.4	32.6	51	-	-	-	-	-	-				
450	3.6	4.2	7.76	8.8	9.9	18.4	11	12.3	22.8	13.2	14.8	27.2	19.2	21.4	38.9	21.5	23.9	43.3	26.7	29.6	51.46	-	-	-	-	-	-	-	-	-				
500	4	4.6	9.51	9.8	11	22.7	12.3	13.8	28.3	14.6	16.3	33.4	21.4	23.8	48.1	23.9	26.5	53.4	29.7	32.9	63.60	-	-	-	-	-	-	-	-	-				
560	4.4	5.1	11.8	11	12.3	28.5	13.7	15.3	35.3	16.4	18.3	42	23.9	26.5	60.1	26.7	29.6	66.8	-	-	-	-	-	-	-	-	-	-	-	-				
630	5	5.7	14.9	12.3	13.8	35.9	15.4	17.2	44.6	18.4	20.5	53	26.9	29.8	76.1	30	33.2	84.4	-	-	-	-	-	-	-	-	-	-	-	-				
710	5.6	6.4	18.8	13.9	15.5	45.6	17.4	19.4	56.8	20.7	23	67.1	30.3	33.6	96.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
800	6.3	7.2	23.9	15.7	17.5	58	19.6	21.8	72	23.3	25.9	85.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
900	7.1	8.1	30.3	17.6	19.6	73.1	22	24.4	90.7	26.3	29.2	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1000	7.9	8.9	37.2	19.6	21.8	90.4	24.5	27.2	112	29.2	32.4	133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1200	9.5	10.7	53.6	23.5	26.1	130	29.4	32.6	156.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1400	11.1	12.5	73.1	27.4	30.4	177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1600	12.6	14.1	94.5	31.3	34.7	231	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

Note: S = pipe series, SF = safety factor 2.5, PN = working pressure at 20°C for 50 years of service

Suitable for water supply , sewerage and ducting applications.



DIN 8061/62 :2009 : PVC-U Pressure Pipes (SF=2)*

Dimension In millimeter

SF	Wall Thickness (mm)																																																				
	2			2			2			2			2			2			2			2			2																												
	2			5			6			8			10			12.5			16			20			25			32																									
S	S 63			S 25			S 20			S 16.7			S 12.5			S 10			S 8			S 6.3			S 5			S 4																									
SDR	SDR 127			SDR 51			SDR 41			SDR 34.4			SDR 26			SDR 21			SDR 17			SDR 13.6			SDR 11			SDR 9																									
Nominal Outside Diameter dn(mm)	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m	e Min.	e Max.	Mass kg/m																							
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	1.5	0.062	1.4	1.8	0.074																					
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1.6	0.091	1.5	1.9	0.108	1.8	2.2	0.125																		
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.9	0.139	1.9	2.3	0.168	2.3	2.8	0.199																		
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.9	0.177	1.9	2.3	0.215	2.3	2.8	0.225	2.8	3.3	0.299															
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	2	0.243	1.9	2.3	0.28	2.4	2.9	0.347	2.9	3.4	0.405	3.6	4.2	0.489												
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	2	0.307	1.9	2.3	0.355	2.4	2.9	0.442	3	3.5	0.533	3.7	4.3	0.642	4.5	5.2	0.761									
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.9	0.366	2	2.4	0.469	2.4	2.9	0.56	3	3.5	0.678	3.7	4.3	0.821	4.6	5.3	0.995	5.6	6.4	1.18						
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	2	0.491	1.9	2.3	0.571	2.5	3	0.739	3	3.5	0.866	3.8	4.4	1.08	4.7	5.4	1.31	5.8	6.6	1.571	7	7.9	1.85			
75	-	-	-	1.5	1.9	0.556	1.9	2.3	0.683	2.2	2.7	0.793	2.9	3.4	1.01	3.6	4.2	1.24	4.5	5.2	1.52	5.6	6.4	1.85	6.8	7.7	2.191	8.4	9.5	2.64	2.9	3.4	1.01	3.6	4.2	1.24	4.5	5.2	1.52	5.6	6.4	1.85	6.8	7.7	2.191	8.4	9.5	2.64					
90	-	-	-	1.8	2.2	0.785	2.2	2.7	0.957	2.7	3.2	1.15	3.5	4.1	1.46	4.3	5	1.77	5.4	6.2	2.18	6.7	7.6	2.64	8.2	9.3	3.172	10.1	11.4	3.8	2.7	3.2	1.15	3.5	4.1	1.46	4.3	5	1.77	5.4	6.2	2.18	6.7	7.6	2.64	8.2	9.3	3.172	10.1	11.4	3.8		
110	1.8	2.2	0.964	2.2	2.7	1.18	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64	
125	1.8	2.2	1.1	2.5	3	1.5	3.1	3.7	1.84	3.7	4.3	2.16	4.8	5.5	2.75	6	6.8	3.39	7.4	8.4	4.13	9.2	10.4	5.04	11.4	12.8	6.094	14	15.6	7.28	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
140	1.8	2.2	1.23	2.8	3.3	1.86	3.5	4.1	2.31	4.1	4.8	2.69	5.4	6.2	3.47	6.7	7.6	4.24	8.3	9.4	5.18	10.3	11.6	6.3	12.7	14.2	7.593	15.7	17.5	9.14	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
160	1.8	2.2	1.41	3.2	3.8	2.44	4	4.6	2.99	4.7	5.4	3.49	6.2	7.1	4.55	7.7	8.7	5.55	9.5	10.7	6.75	11.8	13.2	8.23	14.6	16.3	9.963	17.9	19.9	11.9	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
180	1.8	2.2	1.59	3.6	4.2	3.06	4.4	5.1	3.71	5.3	6.1	4.43	6.9	7.8	5.66	8.6	9.7	6.97	10.7	12	8.54	13.3	14.9	10.4	16.4	18.3	12.59	20.1	22.4	15	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
200	1.8	2.2	1.77	3.9	4.5	3.67	4.9	5.6	4.56	5.9	6.7	5.44	7.7	8.7	7.02	9.6	10.8	8.64	11.9	13.3	10.5	14.7	16.4	12.8	18.2	20.3	15.52	22.4	24.9	18.6	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
225	1.8	2.2	1.99	4.4	5.1	4.67	5.5	6.3	5.77	6.6	7.5	6.85	8.6	9.7	8.81	10.8	12.1	10.9	13.4	15	13.4	16.6	18.5	16.2	20.5	22.8	19.64	25.2	28	23.5	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
250	2	2.4	2.43	4.9	5.6	5.73	6.2	7.1	7.22	7.3	8.3	8.43	9.6	10.8	10.91	11.9	13.3	13.3	14.8	16.5	16.4	18.4	20.5	20	22.7	25.2	24.15	27.9	30.9	28.9	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
280	2.2	2.7	3.03	5.5	6.3	7.21	6.9	7.8	7.81	8.2	9.3	10.6	12	13.4	15.1	13.4	15	16.8	16.6	18.5	20.8	20.6	22.9	25.1	25.4	28.2	30.3	31.3	34.7	36.4	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
315	2.5	3	3.83	6.2	7.1	9.15	7.7	8.7	11.2	9.2	10.4	13.3	13.5	15.1	19.2	15	16.7	21.2	18.7	20.8	26	23.2	25.8	31.8	28.6	31.7	38.3	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
355	2.8	3.3	4.79	7	7.9	11.6	8.7	9.8	14.3	10.4	11.7	17	15.2	17	24.3	16.9	18.8	26.8	21.1	23.5	33.1	26.1	29	40.2	-	-	-	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
400	3.2	3.8	6.19	7.9	8.9	14.7	9.8	11	18.1	11.7	13.1	21.4	17.1	19.1	30.8	19.1	21.3	34.2	23.7	26.3	41.8	29.4	32.6	51	-	-	-	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
450	3.6	4.2	7.76	8.8	9.9	18.4	11	12.3	22.8	13.2	14.8	27.2	19.2	21.4	38.9	21.5	23.9	43.3	26.7	29.6	51.46	-	-	-	-	-	-	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
500	4	4.6	9.51	9.8	11	22.7	12.3	13.8	28.3	14.6	16.3	33.4	21.4	23.8	48.1	23.9	26.5	53.4	29.7	32.9	63.60	-	-	-	-	-	-	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64
560	4.4	5.1	11.8	11	12.3	28.5	13.7	15.3	35.3	16.4	18.3	42	23.9	26.5	60.1	26.7	29.6	66.8	-	-	-	-	-	-	-	-	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64	
630	5	5.7	14.9	12.3	13.8	35.9	15.4	17.2	44.6	18.4	20.5	53	26.9	29.8	76.1	30	33.2	84.4	-	-	-	-	-	-	-	-	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64	
710	5.6	6.4	18.8	13.9	15.5	45.6	17.4	19.4	56.8	20.7	23	67.1	30.3	33.6	96.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64	
800	6.3	7.2	23.9	15.7	17.5	58	19.6	21.8	72	23.3	25.9	85.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65	6.6	7.5	3.24	8.1	9.2	3.91	10	11.2	4.7	12.3	5.64		
900	7.1	8.1	30.3	17.6	19.6	73.1	22	24.4	90.7	26.3	29.2	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	3.2	1.41	3.2	3.8	1.66	4.2	4.9	2.14	5.3	6.1	2.65													