



## BEZSZWOWE RURY GRUBOŚCIENNE

D [mm]	Waga																			
	2.0	2.3	2.6	2.9	3.2	3.6	4.0	4.5	5.0	5.6	6.3	7.1	8.0	8.8	10.0	11.0	12.5	14.2	16.0	17.5
10.2	0.40	0.44	0.48																	
13.5	0.56	0.63	0.69	0.75	0.81	0.87														
16.0	0.69	0.77	0.85	0.93	1.01	1.10	1.18													
17.2	0.75	0.84	0.93	1.02	1.10	1.21	1.30	1.41												
19.0	0.84	0.94	1.05	1.15	1.25	1.37	1.48	1.61	1.73											
20.0	0.88	1.00	1.12	1.22	1.33	1.46	1.58	1.72	1.85											
21.3	0.95	1.08	1.20	1.32	1.43	1.57	1.71	1.86	2.01	2.17										
25.0	1.13	1.29	1.44	1.58	1.72	1.90	2.07	2.28	2.47	2.68	2.91									
26.9		1.40	1.56	1.72	1.87	2.07	2.26	2.49	2.70	2.94	3.20	3.47								
30.0			1.76	1.94	2.10	2.34	2.56	2.83	3.08	3.37	3.68	4.01	4.34	4.60						
31.8			1.87	2.07	2.26	2.50	2.74	3.03	3.30	3.62	3.96	4.32	4.70	4.99						
33.7			1.99	2.20	2.41	2.67	2.93	3.24	3.54	3.88	4.30	4.70	5.10	5.40	5.84					
35.0			2.08	2.30	2.51	2.79	3.06	3.38	3.70	4.06	4.46	4.89	5.33	5.69	6.17					
38.0			2.27	2.51	2.75	3.05	3.35	3.72	4.07	4.47	4.93	5.41	5.92	6.34	6.91	7.32				
42.4			2.55	2.82	3.09	3.44	3.79	4.21	4.61	5.08	5.61	6.20	6.80	7.29	8.00	8.52	9.20			
44.5			2.69	2.98	3.26	3.63	4.00	4.44	4.87	5.37	5.94	6.55	7.20	7.75	8.51	9.09	9.90			
48.3			2.93	3.25	3.56	3.97	4.37	4.86	5.34	5.90	6.53	7.21	7.95	8.60	9.45	10.1	11.0			
51.0			3.10	3.44	3.77	4.21	4.64	5.16	5.67	6.27	6.94	7.70	8.48	9.16	10.1	10.9	11.9	12.9		
54.0			3.30	3.65	4.01	4.47	4.93	5.49	6.04	6.68	7.41	8.21	9.08	9.81	10.9	11.7	12.9	13.9		
57.0			3.87	4.25	4.74	5.23	5.83	6.41	7.10	7.90	8.80	9.67	10.5	11.6	12.5	13.8	15.0	16.2		
60.3			4.11	4.51	5.03	5.55	6.19	6.82	7.55	8.40	9.32	10.3	11.2	12.4	13.4	14.8	16.2	17.5	18.5	
63.5			4.33	4.76	5.32	5.87	6.55	7.21	8.00	8.90	9.90	10.9	11.9	13.2	14.3	15.8	17.3	18.7	19.9	
67.0			4.58	5.03	5.63	6.21	6.94	7.64	8.48	9.40	10.5	11.6	12.6	14.1	15.2	16.8	18.5	20.1	21.4	
70.0			4.80	5.27	5.90	6.51	7.27	8.01	8.89	9.90	11.0	12.2	13.3	14.8	16.0	17.8	19.6	21.3	22.7	
73.0			5.01	5.51	6.16	6.81	7.60	8.38	9.31	10.4	11.5	12.8	13.9	15.5	16.9	18.8	20.6	22.4	23.9	
76.1			5.24	5.75	6.44	7.11	7.95	8.77	9.74	10.9	12.1	13.4	14.6	16.3	17.7	19.7	21.7	23.7	25.3	
82.5				6.26	7.00	7.74	8.66	9.56	10.6	11.9	13.2	14.7	16.0	17.9	19.5	21.6	24.0	26.2	28.1	
88.9				6.76	7.57	8.38	9.37	10.3	11.5	12.9	14.4	16.0	17.4	19.5	21.2	23.7	26.2	28.8	30.8	
95.0					8.11	8.98	10.0	11.1	12.3	13.8	15.4	17.2	18.9	21.0	23.1	25.4	28.3	31.2	33.4	
101.6					8.70	9.63	10.8	11.9	13.3	14.9	16.6	18.5	20.1	22.6	24.7	27.6	30.7	33.8	36.3	
108.0					9.27	10.3	11.5	12.7	14.1	15.8	17.7	19.7	21.5	24.2	26.4	29.6	32.9	36.3	39.1	
114.3					9.83	10.9	12.2	13.5	15.0	16.8	18.8	21.0	22.9	25.7	28.1	31.6	35.1	38.8	41.8	
121.0					11.5	12.9	14.3	15.9	17.8	19.9	22.3	24.7	27.4	30.2	33.4	37.4	41.4	44.7		
127.0					12.1	13.6	15.0	16.8	18.8	21.0	23.5	25.7	28.9	31.6	35.5	39.6	43.8	47.3		
133.0					12.7	14.3	15.8	17.6	19.8	22.1	24.7	27.0	30.3	33.3	37.4	41.8	46.2	49.9		
139.7					13.4	15.0	16.6	18.5	20.8	23.3	26.0	28.4	32.0	35.1	39.5	44.0	48.8	52.7		
146.0						15.7	17.4	19.4	21.7	24.3	27.2	29.8	33.5	36.6	41.2	46.2	51.3	55.5		
152.4						16.4	18.2	20.3	22.8	25.5	28.5	31.2	35.1	38.5	43.4	48.5	53.8	58.2		
159.0						17.1	19.0	21.2	23.8	26.6	29.8	32.6	36.7	40.3	45.4	50.8	56.4	61.1		
165.1						17.8	19.7	22.0	24.7	27.7	31.0	33.9	38.2	41.8	47.0	52.0	58.8	63.7		
168.3						18.2	20.1	22.5	25.3	28.3	31.6	34.6	39.0	42.9	48.4	54.1	60.1	65.1		
171.0							20.5	22.8	25.6	28.7	32.2	35.2	39.7	43.4	48.9	54.9	61.2	66.2		
177.8							21.3	23.8	26.7	30.0	33.5	36.7	41.4	45.4	51.3	57.4	63.8	69.2		
191.0								25.6	28.7	32.2	36.1	39.5	44.6	48.8	55.0	61.9	69.1	74.9		
193.7								26.0	29.2	32.8	36.6	40.1	45.3	49.8	56.2	63.0	70.1	76.0		
203.0									30.6	34.3	38.5	42.7	47.6	52.8	58.7	66.1	73.8	80.1		
216.0									32.6	36.6	41.0	45.0	50.8	55.6	62.7	70.7	78.9	85.7		
219.1									33.2	37.2	41.6	45.6	51.6	56.7	64.1	71.9	80.1	87.0		
229.0									34.5	38.8	43.6	47.7	54.0	59.1	66.7	75.2	84.0	91.2		
241.0									36.5	41.0	46.0	50.4	57.0	62.4	70.4	79.4	88.8	96.5		
244.5									37.1	41.7	46.7	51.2	57.8	63.6	72.0	80.8	90.2	98.0		
254.0									38.5	43.2	48.5	53.9	60.2	66.8	74.4	84.0	93.9	102		
267.0									40.6	45.6	50.9	55.8	63.4	69.7	79.0	88.7	98.6	107		
273.0									41.6	46.7	52.3	57.3	64.9	71.4	80.9	90.9	101	110		
279.0									47.6	53.5	58.6	66.0	72.7	82.2	92.7	104	113			
292.0									49.9	56.0	61.5	69.5	76.2	86.2	97.3	109	118			
298.5									51.1	57.1	62.6	71.1	78.3	88.8	99.8	111	121			
305.0									52.1	58.5	64.2	72.7	79.7	90.1	101	113	124			
318.0									54.4	61.2	67.1	76.0	83.3	94.2	106	119	130			
323.9										62.3	68.4	77.4	85.3	96.7	109	121	132			
330.0										63.5	69.6	78.8	86.5	97.8	110	123	134			
343.0										66.1	72.5	82.0	90.0	102	115	128	140			
355.6										68.6	75.3	85.2	93.9	107	120	134	146			
368.0										78.0	88.3	96.8	109	123	138	151				
381.0										80.7	91.5	101	114	129	144	158				
394.0										83.5	96.8	103	117	132	149	162				
406.4										86.3	97.8	108	122	138	154	168				
419.0										88.7	101	111	126	142	158	173				
431.8											104	114	129	146	164	179				
445.0											107	117	133	150	169	184				
457.0											110	121	137	155	174	190				
470.0												124	141	159	179	195				
482.6												130	145	164	184	201				
495.0												131	149	168	189	206				
508.0												135	154	173	194	212				
521.0													156	177	199	217				
530.0													159	181	203	221				
546.0													164	186	209	228				
559.0													168	190	214	233				
572.0													172	195	219	239				
584.2													176	199	224	244				
610.0													184	209	234	256				
622.0													188	213	239	261				
635.0																				