

Size		Thickness in mm																							
NB in mm	OD in mm	1.6	1.8	2.0	2.3	2.5	2.6	2.8	2.9	3.0	3.2	3.6	3.8	4.0	4.5	4.8	4.9	5.0	5.4	5.6	5.9	6.0	6.3	7.1	8.0
15	21.30	4.66	5.19	5.71	6.47	6.95	7.19	7.66	7.90	8.12	8.57	9.43	9.84	10.24	-	-	-	-	-	-	-	-	-	-	-
20	26.90	5.99	6.69	7.37	8.37	9.03	9.35	9.98	10.30	10.61	11.22	12.41	12.99	13.55	-	-	-	-	-	-	-	-	-	-	-
25	33.70	7.60	8.50	9.38	10.69	11.54	11.96	12.80	13.22	13.63	14.44	16.03	16.81	17.58	19.44	20.53	20.88	21.23	-	-	-	-	-	-	-
32	42.40	9.66	10.81	11.96	13.65	14.76	15.31	16.41	16.95	17.49	18.56	20.67	21.70	22.73	25.24	26.71	27.19	27.67	-	-	-	-	-	-	-
40	48.30	11.06	12.39	13.70	15.66	16.94	17.58	18.85	19.48	20.11	21.35	23.81	25.02	26.22	29.16	30.90	31.47	32.04	-	-	-	-	-	-	-
50	60.30	13.90	15.58	17.25	19.74	21.38	22.20	23.82	24.63	25.44	27.04	30.20	31.77	33.32	37.16	39.42	40.17	40.91	-	-	-	-	-	-	-
65	76.10	17.64	19.79	21.93	25.12	27.23	28.28	30.37	31.41	32.45	34.52	38.62	40.65	42.67	47.68	50.64	51.62	52.60	-	-	-	-	-	-	-
80	88.90	20.67	23.20	25.72	29.47	31.96	33.20	35.67	36.90	38.13	40.58	45.44	47.85	50.25	56.20	59.73	60.90	62.07	66.72	69.02	72.46	73.60	77.00	85.94	95.77
90	101.60	23.68	26.58	29.48	33.79	36.66	38.09	40.93	42.35	43.77	46.59	52.20	54.99	57.77	64.66	68.75	70.11	71.47	76.87	79.55	83.55	84.88	88.84	99.28	110.80
100	114.30	26.68	29.96	33.23	38.12	41.36	42.97	46.20	47.80	49.41	52.61	58.97	62.13	65.28	73.11	77.77	79.32	80.87	87.01	90.07	94.64	96.15	100.68	112.62	125.83
110	127.00	29.69	33.35	36.99	42.44	46.06	47.86	51.46	53.25	55.04	58.62	65.73	69.27	72.80	81.57	86.79	88.53	90.26	97.16	100.60	105.72	107.43	112.52	125.96	140.87
125	139.70	32.70	36.73	40.75	46.76	50.75	52.75	56.72	58.70	60.68	64.63	72.50	76.41	80.32	90.02	95.81	97.74	99.66	107.31	111.12	116.81	118.70	124.36	139.31	155.90
150	165.10	38.71	43.49	48.27	55.41	60.15	62.52	67.24	69.60	71.96	76.66	86.03	90.70	95.35	106.94	113.85	116.15	118.45	127.61	132.17	138.98	141.25	148.03	165.99	185.97
175	193.70	45.48	51.11	56.73	65.14	70.73	73.52	79.09	81.87	84.65	90.20	101.26	106.78	112.28	125.98	134.17	136.89	139.61	150.46	155.86	163.95	166.64	174.70	196.04	219.82
200	219.00	51.47	57.85	64.22	73.75	80.09	83.25	89.57	92.73	95.88	102.18	114.74	121.00	127.25	142.83	152.14	155.23	158.33	170.67	176.83	186.04	189.10	198.28	222.62	249.77

Size		Thickness in mm																								
OD in mm		0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.5	1.6	1.8	2.0	2.3	2.5	2.6	2.8	2.9	3.0	3.2	3.6	3.8	4.0	4.5	4.8	4.9	5.0
8.00	0.55	0.66	0.76	0.85	0.95	1.04	1.21	1.44	1.52	1.65	1.78	1.94	2.03	-	-	-	-	-	-	-	-	-	-	-	-	-
9.52	0.67	0.79	0.91	1.03	1.15	1.26	1.48	1.78	1.88	2.06	2.23	2.46	2.60	-	-	-	-	-	-	-	-	-	-	-	-	-
10.00	0.70	0.83	0.96	1.09	1.21	1.33	1.56	1.89	1.99	2.18	2.37	2.62	2.77	-	-	-	-	-	-	-	-	-	-	-	-	-
12.00	0.85	1.01	1.17	1.33	1.48	1.63	1.92	2.33	2.46	2.72	2.96	3.30	3.51	-	-	-	-	-	-	-	-	-	-	-	-	-
12.70	0.90	1.07	1.24	1.41	1.57	1.73	2.04	2.49	2.63	2.90	3.17	3.54	3.77	-	-	-	-	-	-	-	-	-	-	-	-	-
15.88	1.14	1.36	1.57	1.79	1.99	2.20	2.61	3.19	3.38	3.75	4.11	4.62	4.95	5.11	5.42	5.57	5.72	-	-	-	-	-	-	-	-	-
19.05	1.37	1.64	1.90	2.16	2.42	2.67	3.17	3.90	4.13	4.59	5.05	5.70	6.12	6.33	6.73	6.93	7.12	-	-	-	-	-	-	-	-	-
22.23	1.61	1.92	2.23	2.54	2.84	3.14	3.73	4.60	4.88	5.44	5.99	6.78	7.30	7.55	8.05	8.29	8.54	-	-	-	-	-	-	-	-	-
25.40	1.84	2.20	2.56	2.91	3.26	3.61	4.30	5.30	5.63	6.29	6.92	7.86	8.47	8.77	9.36	9.65	9.94	10.51	11.61	12.15	12.67	-	-	-	-	-
31.75	2.31	2.77	3.22	3.66	4.11	4.55	5.42	6.71	7.14	7.98	8.90	10.02	10.82	11.21	11.99	12.38	12.76	13.52	15.00	15.72	16.42	-	-	-	-	-
38.10	2.78	3.33	3.87	4.42	4.95	5.49	6.55	8.12	8.64	9.67	10.68	12.18	13.17	13.66	14.63	15.10	15.58	16.53	18.38	19.29	20.18	22.37	23.65	24.07	24.49	
50.80	3.72	4.46	5.19	5.92	6.65	7.37	8.81	10.94	11.65	13.05	14.44	16.51	17.87	18.54	19.89	20.55	21.22	22.54	25.14	26.43	27.70	30.83	32.67	33.28	33.88	
63.50	4.66	5.58	6.50	7.42	8.34	9.25	11.06	13.76	14.65	16.43	18.20	20.83	22.57	23.43	25.15	26.00	26.86	28.55	31.91	33.57	35.22	39.29	41.69	42.49	43.28	