Pipe Size Nominal	OD (inches)	5	10	20	30	STD	40	60	XH	80	100	120	140	160	XXH
3 ½	4	.083 3.48	.120 4.98			.226 9.12	.226 9.12		.318 12.52	.318 12.52					.636 22.87
4	4.5	.083 3.92	.120 5.62			.237 10.80	.237 10.80	.281 12.67	.337 15.00	.337 15.00		.437 19.02		.531 22.53	.674 27.57
4 ½	5					.247 12.55			.355 17.63						.710 32.56
5	5.563	.109 6.36	.134 7.78			.258 14.63	.258 14.63		.375 20.80	.375 20.80		.500 27.06		.625 32.99	.750 38.59
6	6.625	.109 7.59	.134 9.30			.280 18.99	.280 18.99		.432 28.60	.432 28.60		.562 36.43		.719 45.39	.864 53.21
8	8.625	.109 9.92	.148 13.41	.250 22.38	.277 24.72	.322 28.58	.322 28.58	.406 35.67	.500 43.43	.500 43.43	.593 50.92	.718 60.69	.812 67.82	.906 74.76	.875 72.49
10	10.75	.134 15.21	.165 18.67	.250 28.06	.307 34.27	.365 40.52	.365 40.52	.500 54.79	.500 54.79	.594 64.49	.719 77.10	.844 89.38	1.000 104.23	1.125 115.75	1.000 104.23
12	12.75	.165 22.2	.180 24.19	.250 33.41	.330 43.81	.375 49.61	.406 53.57	.562 73.22	.500 65.48	.688 88.71	.843 107.30	1.000 125.61	1.125 139.81	1.312 160.42	1.000 125.61
14	14		.250 36.75	.312 45.65	.375 54.62	.375 54.62	.438 63.50	.594 85.13	.500 72.16	.750 106.23	.937 130.85	1.093 150.81	1.250 170.37	1.406 189.29	
16	16		.250 42.09	.312 52.32	.375 62.64	.375 62.64	.500 82.85	.656 107.60	.500 82.85	.844 136.74	1.031 164.98	1.219 192.61	1.438 223.85	1.594 245.48	
18	18		.250 47.44	.312 58.99	.438 82.23	.375 70.65	.562 104.76	.750 138.30	.500 93.54	.938 171.08	1.156 208.15	1.375 244.37	1.562 274.48	1.781 308.79	
20	20		.250 52.78	.375 78.67	.500 104.23	.375 78.67	.593 123.02	.812 166.56	.500 104.23	1.031 209.06	1.281 256.34	1.500 296.65	1.750 341.41	1.969 379.53	
22	22		.250 58.13	.375 86.69	.500 114.92	.375 86.69		.875 197.60	.500 114.92	1.125 251.05	1.375 303.16	1.625 353.94	1.875 403.38	2.125 451.49	
24	24		.250 63.47	.375 94.71	.562 140.81	.375 94.71	.688 171.45	.969 238.57	.500 125.61	1.219 296.86	1.531 367.74	1.812 429.79	2.062 483.57	2.343 542.44	
26	26		.312 85.68	.500 136.30		.375 102.72			.500 136.30						
28	28		.312 92.35	.500 146.99	.625 182.90	.375 110.74			.500 146.99						
30	30		.312 99.02	.500 157.68	.625 196.26	.375 118.76			.500 168.37						
32	32		.312 105.69	.500 168.37	.625 209.62	.375 126.78	.688 230.29		.500 179.06						
34	34		.312 112.36	.500 179.06	.625 222.99	.375 134.79	.688 245.00		.500 189.75						
36	36		.312 119.03	.500 189.75	.625 236.35	.375 142.81	.750 282.62		.500 221.82						
42	42					.375 166.86			.500 253.89						
48	48					.375 190.92			.500 285.96						
54	54					.375 214.97									