



Diámetro Nominal		Diámetro Real	Cédula	Espesor		Peso	
pulg.	m.m.	m.m.		pulg.	m.m.	Kg/Mt	Lbs/Ft
3/8	10	17.10	40 STD	0.091	2.310	0.84	0.57
3/8	10	17.10	80 XS	0.126	3.200	1.1	0.74
1/2	13	21.30	40 STD	0.109	2.770	1.27	0.85
1/2	13	21.30	80 XS	0.147	3.730	1.62	1.09
1/2	13	21.30	160	0.188	4.780	1.95	1.31
3/4	19	26.70	40 STD	0.113	2.870	1.69	1.13
3/4	19	26.70	80 XS	0.154	3.910	2.2	1.47
3/4	19	26.70	160	0.219	5.560	2.9	1.94
3/4	19	26.70	XXS	0.308	7.820	3.64	2.44
1	25	33.40	40 STD	0.133	3.380	2.5	1.68
1	25	33.40	80 XS	0.179	4.550	3.24	2.17
1	25	33.40	160	0.250	6.350	4.24	2.84
1-1/4	32	42.20	40 STD	0.140	3.560	3.39	2.27
1-1/4	32	42.20	80 XS	0.191	4.850	4.47	3
1-1/4	32	42.20	160	0.250	6.350	5.61	3.76
1-1/2	38	48.30	40 STD	0.145	3.680	4.05	2.72
1-1/2	38	48.30	80 XS	0.200	5.080	5.41	3.63
1-1/2	38	48.30	160	0.281	7.140	7.25	4.86
1-1/2	38	48.30	XXS	0.400	10.150	9.55	6.41
2	51	60.30	40 STD	0.154	3.910	5.44	3.65
2	51	60.30	80 XS	0.218	5.540	7.48	5.02
2	51	60.30	160	0.344	8.740	11.11	7.46
2	51	60.30	XXS	0.436	11.070	13.44	9.04
2-1/2	64	73.00	40 STD	0.203	5.160	8.63	5.79
2-1/2	64	73.00	80 XS	0.276	7.010	11.41	7.66
2-1/2	64	73.00	160	0.375	9.520	14.9	10.01
2-1/2	64	73.00	XXS	0.552	14.020	20.39	13.71
3	75	88.90		0.188	4.780	9.92	6.65
3	75	88.90	40 STD	0.216	5.490	11.29	7.58
3	75	88.90		0.250	6.350	12.93	8.68
3	75	88.90	80 XS	0.300	7.620	15.27	10.25
3	75	88.90	160	0.438	11.130	21.35	14.32
3	75	88.90	XXS	0.600	15.240	27.68	18.6
3-1/2	89	101.60	40 STD	0.226	5.740	13.57	9.11
3-1/2	89	101.60	80 XS	0.318	8.080	18.63	12.51
4	102	114.30		0.219	5.560	14.91	10.01
4	102	114.30	40 STD	0.237	6.020	16.07	10.79
4	102	114.30		0.281	7.140	18.87	12.66



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pulg.	m.m.	m.m.		pulg.	m.m.	Kg/Mt	Lbs/Ft
4	102	114.30		0.312	7.920	20.78	13.98
4	102	114.30	80 XS	0.337	8.560	22.32	14.98
4	102		120				
4	102	114.30	160	0.531	13.490	33.54	22.51
4	102	114.30	XXS	0.674	17.120	41.03	27.57
5	127	141.30	40 STD	0.258	6.550	21.77	14.62
5	127	141.30	80 XS	0.375	9.520	30.97	20.78
5	127	141.30	120	0.500	12.700	40.28	27.06
5	127	141.30	160	0.625	15.880	49.12	32.99
5	127	141.30	XXS	0.750	19.050	57.43	38.6
6	152	168.30		0.250	6.350	25.36	17.02
6	152	168.30	40 STD	0.280	7.110	28.26	18.97
6	152	168.30		0.312	7.920	31.32	21.04
6	152	168.30	80 XS	0.432	10.970	42.56	28.57
6	152	168.30	120	0.562	14.270	54.2	36.39
6	152	168.30	160	0.719	18.260	67.57	45.39
8	203	219.10	20	0.250	6.350	33.31	22.36
8	203	219.10	30	0.277	7.040	36.81	24.7
8	203	219.10		0.312	7.920	41.24	27.7
8	203	219.10	40 STD	0.322	8.180	42.55	28.55
8	203	219.10	60	0.406	10.310	53.08	35.64
8	203	219.10		0.438	11.130	57.08	38.3
8	203	219.10	80 XS	0.500	12.700	64.64	43.39
8	203	219.10	120	0.719	18.260	90.44	60.71
8	203	219.10	140	0.812	20.620	100.93	67.82
8	203	219.10	160	0.906	23.010	111.27	74.76
10	254	273.00	20	0.250	6.350	41.77	28.04
10	254	273.00		0.279	7.090	46.51	31.2
10	254	273.00	30	0.307	7.800	51.03	34.24
10	254	273.00	40 STD	0.365	9.270	60.31	40.48
10	254	273.00	60 XS	0.500	12.700	81.55	54.74
10	254	273.00	80	0.594	15.090	96.01	64.43
10	254	273.00	120	0.844	21.440	133.06	89.29
10	254	273.00	XXS	1.000	25.400	155.1	104.23
12	305	323.80	20	0.250	6.350	49.73	33.38
12	305	323.80		0.256	6.500	50.88	34.16
12	305	323.80	30	0.330	8.380	65.2	43.77
12	305	323.80	STD	0.375	9.520	73.88	49.56



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pulg.	m.m.	m.m.		pulg.	m.m.	Kg/Mt	Lbs/Ft
12	305	323.80	40	0.406	10.310	79.73	53.52
12	305	323.80	XS	0.500	12.700	97.46	65.42
12	305	323.80	60	0.562	14.270	108.96	73.15
12	305	323.80	80	0.688	17.480	132.08	88.63
12	305	323.80	100	0.844	21.440	159.87	107.42
12	305	323.80	120 XXS	1.000	25.400	186.97	125.49
14	356	355.60	20	0.312	7.920	67.91	45.65
14	356	355.60		0.344	8.740	74.76	50.22
14	356	355.60	30 STD	0.375	9.520	81.33	54.57
14	356	355.60		0.406	10.310	87.79	58.94
14	356	355.60	40	0.438	11.130	94.55	63.44
14	356	355.60	XS	0.500	12.700	107.39	72.09
14	356	355.60	60	0.594	15.090	126.71	85.05
14	356	355.60	80	0.750	19.050	158.1	106.13
14	356	355.60	120	1.094	27.790	224.65	150.79
14	356	355.60	160	1.406	35.710	281.72	189.29
16	406	406.40	30 STD	0.375	9.520	93.27	62.58
16	406	406.40	40 XS	0.500	12.700	123.3	82.77
16	406	406.40		0.625	15.880	152.93	102.63
16	406	406.40	60	0.656	16.660	160.12	107.5
16	406	406.40	80	0.844	21.440	203.53	136.62
18	457	457.00	STD	0.375	9.530	105.16	70.59
18	457	457.00	30	0.438	11.130	122.38	82.15
18	457	457.00	XS	0.500	12.700	139.15	93.45
18	457	457.00	40	0.562	14.270	155.8	104.67
18	457	457.00	60	0.750	19.050	205.74	138.17
18	457	457.00	80	0.938	23.830	254.55	170.92
18	457	457.00		1.000	25.400	270.36	181.73
20	508	508.00	20 STD	0.375	9.520	117.15	78.6
20	508	508.00		0.438	11.130	136.37	91.51
20	508	508.00	30 XS	0.500	12.700	155.12	104.13
20	508	508.00	40	0.594	15.090	183.42	123.11
20	508	508.00	60	0.812	20.620	247.84	166.56
20	508	508.00	80	1.031	26.190	311.17	208.87
22	559	559.00	STD	0.375	9.530	129.14	86.69
22	559	559.00	XS	0.500	12.700	171.1	114.92
24	609	610.00	20 STD	0.375	9.520	141.12	94.62
24	609	610.00	XS	0.500	12.700	187.06	125.49



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pulg.	m.m.	m.m.		pulg.	m.m.	Kg/Mt	Lbs/Ft
24	609	610.00	40	0.688	17.480	255.41	171.29
24	609	610.00		0.750	19.050	277.61	186.23
24	609	610.00	60	0.969	24.610	355.08	238.6
24	609	610.00		1.000	25.400	366.19	245.87
24	609	610.00	80	1.219	30.960	442.11	296.86