DIÁMETRO EXTERIOR			ESPESOR		PESO		DIÁMETRO INTERIOR		TIPO	CÉDULA	A	B	X42	X46	X52	X56	X60	X65	X70	X80
ASTM	API																			
	in	mm	in	mm	Lb/ft	Kg/m	in	mm			30,000	35,000	42,000	46,000	52,000	56,000	60,000	65,000	70,000	80,000
			0.154	**3.91**	3.66	**5.45**	2.067	**52.50**	STD	**40**	2,330	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.172	**4.37**	4.05	**6.03**	2.031	**51.59**			2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.188	**4.78**	4.40	**6.55**	1.999	**50.77**			2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
2	**2 3/8**	**60.33**	0.218	**5.54**	5.03	**7.49**	1.939	**49.25**	XS	**80**	2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.250	**6.35**	5.68	**8.46**	1.875	**47.63**			2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.281	**7.14**	6.29	**9.37**	1.813	**46.05**			2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.344	***8.74***	*7.46*	***11.11***	*1.687*	***42.85***		**160**	2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.156	**3.96**	4.53	**6.75**	2.563	**65.10**			1,950	2,280	2,730	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.172	**4.37**	4.97	**7.40**	2.531	**64.29**			2,150	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.188	**4.78**	5.40	**8.04**	2.499	**63.47**		**30**	2,350	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
2 1/2	**2 7/8**	**73.03**	0.203	**5.16**	5.80	**8.64**	2.469	**62.71**	STD	**40**	2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.216	**5.49**	6.14	**9.15**	2.443	**62.05**			2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.250	**6.35**	7.02	**10.46**	2.375	**60.33**			2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.276	**7.01**	7.67	**11.42**	2.323	**59.00**	XS	**80**	2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.375	***9.53***	*10.01*	***14.91***	*2.125*	***53.98***		**160**	2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.188	**4.78**	6.66	**9.92**	3.124	**79.35**		**30**	1,930	2,260	2,710	2,970	3,000	3,000	3,000	3,000	3,000	3,000
			0.216	**5.49**	7.58	**11.29**	3.068	**77.93**	STD	**40**	2,220	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
3	**3 1/2**	**88.90**	0.250	**6.35**	8.69	**12.94**	3.000	**76.20**			2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.281	**7.14**	9.67	**14.40**	2.938	**74.63**			2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.300	**7.62**	10.26	**15.28**	2.900	**73.66**	XS	**80**	2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.438	***11.13***	*14.32*	***21.33***	*2.624*	***66.65***		**160**	2,500	2,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.226	**5.74**	9.12	**13.58**	3.548	**90.12**	STD	**40**	2,030	2,370	2,850	3,000	3,000	3,000	3,000	3,000	3,000	3,000
3 1/2	**4**	**101.60**	0.250	**6.35**	10.02	**14.92**	3.500	**88.90**			2,250	2,630	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.281	**7.14**	11.17	**16.64**	3.438	**87.33**			2,530	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.318	**8.08**	12.52	**18.65**	3.364	**85.45**	XS	**80**	2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.219	**5.56**	10.02	**14.92**	4.062	**103.17**			1,750	2,040	2,450	2,690	3,000	3,000	3,000	3,000	3,000	3,000
			0.237	**6.02**	10.80	**16.09**	4.026	**102.26**	STD	**40**	1,900	2,210	2,650	2,910	3,000	3,000	3,000	3,000	3,000	3,000
			0.250	**6.35**	11.36	**16.92**	4.000	**101.60**			2,000	2,330	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.281	**7.14**	12.67	**18.87**	3.938	**100.03**			2,250	2,620	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
4	**4 1/2**	**114.30**	0.312	**7.92**	13.97	**20.81**	3.876	**98.45**			2,500	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.337	**8.56**	15.00	**22.34**	3.826	**97.18**	XS	**80**	2,700	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.438	**11.13**	19.02	**28.33**	3.624	**92.05**		**120**	2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.531	**13.49**	22.53	**33.56**	3.438	**87.33**		**160**	2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.674	**17.12**	27.57	**41.07**	3.152	**80.06**	XXS		2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.219	**5.56**	12.51	**18.63**	5.125	**130.16**			1,420	1,650	1,980	2,170	2,460	2,650	2,830	3,000	3,000	3,000
			0.258	**6.55**	14.63	**21.79**	5.047	**128.18**	STD	**40**	1,670	1,950	2,340	2,560	2,890	3,000	3,000	3,000	3,000	3,000
			0.281	**7.14**	15.87	**23.64**	5.001	**127.01**			1,820	2,120	2,550	2,790	3,000	3,000	3,000	3,000	3,000	3,000
5	**5 9/16**	**141.29**	0.312	**7.92**	17.51	**26.08**	4.939	**125.44**			2,020	2,360	2,830	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.344	**8.74**	19.19	**28.58**	4.875	**123.81**			2,230	2,600	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.375	**9.53**	20.8	**30.98**	4.813	**122.24**	XS	**80**	2,430	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.500	**12.70**	27.06	**40.31**	4.563	**115.89**		**120**	2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.625	**15.88**	32.99	**49.14**	4.313	**109.54**		**160**	2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000

Tubería de Conducción

PRESIÓN DE PRUEBA HIDROSTÁTICA (psi)

DIÁMETRO EXTERIOR			ESPESOR		PESO		DIÁMETRO INTERIOR		TIPO	CÉDULA	A	B	X42	X46	X52	X56	X60	X65	X70	X80
ASTM	API																			
	in	mm	in	mm	Lb/ft	Kg/m	in	mm			30,000	35,000	42,000	46,000	52,000	56,000	60,000	65,000	70,000	80,000
			0.250	**6.35**	17.04	**25.38**	6.125	**155.58**			1,360	1,580	2,380	2,600	2,940	3,000	3,000	3,000	3,000	3,000
			0.280	**7.11**	18.99	**28.29**	6.065	**154.05**	STD	**40**	1,520	1,780	2,660	2,920	3,000	3,000	3,000	3,000	3,000	3,000
			0.312	**7.92**	21.06	**31.37**	6.001	**152.43**			1,700	1,980	2,970	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.344	**8.74**	23.1	**34.41**	5.937	**150.80**			1,870	2,180	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.375	**9.53**	25.05	**37.31**	5.875	**149.23**			2,040	2,380	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.432	**10.97**	28.6	**42.60**	5.761	**146.33**	XS	**80**	2,350	2,740	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
6	**6 5/8**	**168.28**	0.500	**12.70**	32.74	**48.77**	5.625	**142.88**			2,720	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.562	**14.27**	36.43	**54.26**	5.501	**139.73**		**120**	2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.625	**15.88**	40.09	**59.71**	5.375	**136.53**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.719	**18.26**	45.39	**67.61**	5.187	**131.75**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.750	**19.05**	47.10	**70.16**	5.125	**130.18**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.864	**21.95**	53.21	**79.26**	4.897	**124.38**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.875	**22.23**	53.78	**80.11**	4.875	**123.83**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.250	**6.35**	22.38	**33.34**	8.125	**206.38**		**20**	1,040	1,220	1,830	2,000	2,260	2,430	2,610	2,830	3,000	3,000
			0.277	**7.04**	24.72	**36.82**	8.071	**205.00**		**30**	1,160	1,350	2,020	2,220	2,510	2,700	2,890	3,000	3,000	3,000
			0.312	**7.92**	27.73	**41.30**	8.001	**203.23**			1,300	1,520	2,280	2,500	2,820	3,000	3,000	3,000	3,000	3,000
			0.322	**8.18**	28.58	**42.57**	7.981	**202.72**	STD	**40**	1,340	1,570	2,350	2,580	2,910	3,000	3,000	3,000	3,000	3,000
			0.344	**8.74**	30.45	**45.36**	7.937	**201.60**			1,440	1,680	2,510	2,750	3,000	3,000	3,000	3,000	3,000	3,000
			0.375	**9.53**	33.07	**49.26**	7.875	**200.03**			1,570	1,830	2,740	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.406	***10.31***	*35.64*	***53.09***	*7.813*	***198.45***		**60**	1,690	1,980	2,970	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.438	**11.13**	38.33	**57.09**	7.749	**196.82**			1,830	2,130	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
8	**8 5/8**	**219.08**	0.500	**12.70**	43.43	**64.69**	7.625	**193.68**	XS	**80**	2,090	2,430	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.562	**14.27**	48.44	**72.15**	7.501	**190.53**			2,350	2,740	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.594	***15.09***	*50.95*	***75.89***	*7.437*	***188.90***		**100**	2,480	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.625	**15.88**	53.45	**79.61**	7.375	**187.33**			2,610	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.719	**18.26**	60.77	**90.52**	7.187	**182.55**		**120**	2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.750	**19.05**	63.14	**94.05**	7.125	**180.98**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.812	**20.62**	67.82	**101.02**	7.001	**177.83**		**140**	2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.875	**22.23**	72.49	**107.97**	6.875	**174.63**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.000	**25.40**	81.51	**121.41**	6.625	**168.28**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.250	**6.35**	28.06	**41.80**	10.250	**260.35**		**20**	840	980	1,660	1,820	2,060	2,210	2,370	2,570	2,770	3,000
			0.279	**7.09**	31.23	**46.52**	10.192	**258.88**			930	1,090	1,850	2,030	2,290	2,470	2,650	2,870	3,000	3,000
			0.307	**7.80**	34.27	**51.05**	10.136	**257.45**		**30**	1,030	1,200	2,040	2,230	2,520	2,720	2,910	3,000	3,000	3,000
			0.344	**8.74**	38.27	**57.00**	10.062	**255.57**			1,150	1,340	2,280	2,500	2,830	3,000	3,000	3,000	3,000	3,000
			0.365	**9.27**	40.52	**60.35**	10.020	**254.51**	STD	**40**	1,220	1,430	2,420	2,660	3,000	3,000	3,000	3,000	3,000	3,000
			0.438	**11.13**	48.28	**71.91**	9.874	**250.80**			1,470	1,710	2,910	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.500	**12.70**	54.79	**81.61**	9.750	**247.65**	XS	**60**	1,670	1,950	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.562	**14.27**	61.21	**91.17**	9.626	**244.50**			1,880	2,200	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
10	**10 3/4**	**273.05**	*0.594*	***15.09***	*64.43*	***95.97***	*9.562*	***242.87***		**80**	1,990	2,320	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.625	**15.88**	67.65	**100.76**	9.500	**241.30**			2,090	2,440	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.719	**18.26**	77.1	**114.84**	9.312	**236.52**		**100**	2,410	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.812	**20.62**	86.26	**128.48**	9.126	**231.80**			2,720	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.844	***21.44***	*89.29*	***133.00***	*9.062*	***230.17***		**120**	2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.875	**22.23**	92.37	**137.59**	9.000	**228.60**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.938	**23.83**	98.39	**146.55**	8.874	**225.40**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.000	**25.40**	104.23	**155.25**	8.750	**222.25**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.250	**31.75**	126.94	**189.08**	8.250	**209.55**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000

DIÁMETRO EXTERIOR			ESPESOR		PESO		DIÁMETRO INTERIOR		TIPO	CÉDULA	A	B	X42	X46	X52	X56	X60	X65	X70	X80
ASTM	API																			
	in	mm	in	mm	Lb/ft	Kg/m	in	mm			30,000	35,000	42,000	46,000	52,000	56,000	60,000	65,000	70,000	80,000
			0.375	**9.53**	49.61	**73.89**	12.000	**304.80**	STD		1,060	1,240	2,100	2,300	2,600	2,800	3,000	3,000	3,000	3,000
			0.406	**10.31**	53.57	**79.79**	11.938	**303.23**		40	1,150	1,340	2,270	2,490	2,810	3,000	3,000	3,000	3,000	3,000
			0.438	**11.13**	57.65	**85.87**	11.874	**301.60**			1,240	1,440	2,450	2,690	3,000	3,000	3,000	3,000	3,000	3,000
			0.500	**12.70**	65.48	**97.53**	11.750	**298.45**	XS		1,410	1,650	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.562	**14.27**	73.22	**109.06**	11.626	**295.30**		60	1,590	1,850	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.625	**15.88**	81.01	**120.66**	11.500	**292.10**			1,760	2,060	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.688	**17.48**	88.71	**132.13**	11.374	**288.90**		80	1,940	2,270	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.750	**19.05**	96.21	**143.30**	11.250	**285.75**			2,120	2,470	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
12	**12 3/4**	**323.85**	0.812	**20.62**	103.63	**154.36**	11.126	**282.60**			2,290	2,670	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.844	***21.44***	*107.32*	***159.85***	*11.062*	***280.97***		**100**	2,380	2,780	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.875	**22.23**	111.08	**165.45**	11.000	**279.40**			2,470	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.938	**23.83**	118.44	**176.42**	10.874	**276.20**			2,650	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.000	**25.40**	125.61	**187.10**	10.750	**273.05**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.062	**26.97**	132.69	**197.64**	10.626	**269.90**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.125	**28.58**	139.81	**208.25**	10.500	**266.70**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.250	**31.75**	153.67	**228.89**	10.250	**260.35**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.375	**9.53**	54.62	**81.36**	13.250	**336.55**	STD	**30**	960	1,130	1,910	2,090	2,370	2,550	2,730	2,960	3,000	3,000
			0.406	**10.31**	59	**87.88**	13.188	**334.98**			1,040	1,220	2,070	2,270	2,560	2,760	2,960	3,000	3,000	3,000
			0.438	**11.13**	63.5	**94.58**	13.124	**333.35**		**40**	1,130	1,310	2,230	2,450	2,770	2,980	3,000	3,000	3,000	3,000
			0.469	**11.91**	67.84	**101.05**	13.062	**331.77**			1,210	1,410	2,390	2,620	2,960	3,000	3,000	3,000	3,000	3,000
			0.500	**12.70**	72.16	**107.48**	13.000	**330.20**	XS		1,290	1,500	2,550	2,790	3,000	3,000	3,000	3,000	3,000	3,000
			0.562	**14.27**	80.73	**120.25**	12.876	**327.05**			1,450	1,690	2,870	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.594	***15.09***	*85.05*	***126.68***	*12.812*	***325.42***		**60**	1,530	1,780	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.625	**15.88**	89.36	**133.10**	12.750	**323.85**			1,610	1,880	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
14	**14**	**355.60**	0.688	**17.48**	97.91	**145.84**	12.624	**320.65**			1,770	2,060	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.750	**19.05**	106.23	**158.23**	12.500	**317.50**		**80**	1,930	2,250	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.812	**20.62**	114.48	**170.52**	12.376	**314.35**			2,090	2,440	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.875	**22.23**	122.77	**182.87**	12.250	**311.15**			2,250	2,630	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.938	**23.83**	130.98	**195.09**	12.124	**307.95**		**100**	2,410	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.000	**25.40**	138.97	**207.00**	12.000	**304.80**			2,570	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.062	**26.97**	146.88	**218.78**	11.876	**301.65**			2,730	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.125	**28.58**	154.84	**230.63**	11.750	**298.45**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			1.250	**31.75**	170.37	**253.77**	11.500	**292.10**			2,800	2,800	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
			0.375	**9.53**	62.64	**93.30**	15.250	**387.35**	STD	**30**	840	980	1,670	1,830						
			0.406	**10.31**	67.68	**100.81**	15.188	**385.78**			910	1,070	1,810	1,980						
			0.438	**11.13**	72.86	**108.52**	15.124	**384.15**			990	1,150	1,950	2,140						
			0.469	**11.91**	77.87	**115.99**	15.062	**382.57**			1,060	1,230	2,090	2,290						
			0.500	**12.70**	82.85	**123.41**	15.000	**381.00**	XS	**40**	1,130	1,310	2,230	2,440						
			0.562	**14.27**	92.75	**138.15**	14.876	**377.85**			1,260	1,480	2,510	2,750						
			0.625	**15.88**	102.72	**153.00**	14.750	**374.65**			1,410	1,640	2,790	3,000						
16	**16**	**406.40**	*0.656*	***16.66***	*107.5*	***160.12***	*14.688*	***373.08***		**60**	1,480	1,720	2,930	3,000						
			0.688	**17.48**	112.62	**167.75**	14.624	**371.45**			1,550	1,810	3,000	3,000						
			0.750	**19.05**	122.27	**182.12**	14.500	**368.30**			1,690	1,970	3,000	3,000						
			0.812	**20.62**	131.84	**196.38**	14.376	**365.15**			1,830	2,130	3,000	3,000						
			0.844	***21.44***	*136.61*	***203.48***	*14.312*	***363.52***		**80**	1,900	2,220	3,000	3,000						
			0.875	**22.23**	141.48	**210.73**	14.250	**361.95**			1,970	2,300	3,000	3,000						

PRESIÓN DE PRUEBA HIDROSTÁTICA (psi)

Tubería de Conducción

PRESIÓN DE PRUEBA HIDROSTÁTICA (psi)

DIÁMETRO EXTERIOR			ESPESOR		PESO		DIÁMETRO INTERIOR		TIPO	CÉDULA	A	B	X42	X46	X52	X56	X60	X65	X70	X80
ASTM	API		in	mm	Lb/ft	Kg/m	in	mm			30,000	35,000	42,000	46,000	52,000	56,000	60,000	65,000	70,000	80,000
	in	mm																		
18	18	457.20	0.406	**10.31**	76.36	**113.74**	17.188	**436.58**			810	950	1,610	1,760						
			0.438	**11.13**	82.23	**122.48**	17.124	**434.95**		30	880	1,020	1,740	1,900						
			0.469	**11.91**	87.89	**130.91**	17.062	**433.37**			940	1,090	1,860	2,040						
			0.500	**12.70**	93.54	**139.33**	17.000	**431.80**	xs		1,000	1,170	1,980	2,170						
			0.562	**14.27**	104.76	**156.04**	16.876	**428.65**		40	1,120	1,310	2,230	2,440						
			0.625	**15.88**	116.09	**172.92**	16.750	**425.45**			1,250	1,460	2,480	2,720						
			0.688	**17.48**	127.32	**189.64**	16.624	**422.25**			1,380	1,610	2,730	2,990						
			0.750	**19.05**	138.30	**206.00**	16.500	**419.10**		60	1,500	1,750	2,980	3,000						
			0.812	**20.62**	149.20	**222.23**	16.376	**415.95**			1,620	1,890	3,000	3,000						
			0.875	**22.23**	160.18	**238.59**	16.250	**412.75**			1,750	2,040	3,000	3,000						
			0.938	**23.83**	171.08	**254.82**	16.124	**409.55**			1,880	2,190	3,000	3,000						
			1.000	**25.40**	181.73	**270.69**	16.000	**406.40**			2,000	2,330	3,000	3,000						
20	20	508.00	0.438	**11.13**	91.59	**136.42**	19.124	**485.75**			790	920	1,660	1,660						
			0.469	**11.91**	97.92	**145.85**	19.062	**484.17**			840	980	1,770	1,770						
			0.500	**12.70**	104.23	**155.25**	19.000	**482.60**	xs	30	900	1,050	1,890	1,890						
			0.562	**14.27**	116.78	**173.94**	18.876	**479.45**			1,010	1,180	2,120	2,120						
			0.594	***15.09***	*123.11*	***183.37***	*18.812*	***477.82***		40	1,070	1,250	2,250	2,250						
			0.625	**15.88**	129.45	**192.82**	18.750	**476.25**			1,130	1,310	2,360	2,360						
			0.688	**17.48**	142.03	**211.55**	18.624	**473.05**			1,240	1,440	2,600	2,600						
			0.750	**19.05**	154.34	**229.89**	18.500	**469.90**			1,350	1,580	2,840	2,840						
			0.812	**20.62**	166.56	**248.09**	18.376	**466.75**			1,460	1,710	3,000	3,000						
			0.875	**22.23**	178.89	**266.46**	18.250	**463.55**			1,580	1,840	3,000	3,000						
			0.938	**23.83**	191.14	**284.70**	18.124	**460.35**			1,690	1,970	3,000	3,000						
			1.000	**25.40**	203.11	**302.53**	18.000	**457.20**			1,800	2,100	3,000	3,000						

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Notas.-

***:** El valor mínimo de Fluencia especificado para cada grado de acero se indica en psi, como se ilustra:

A	B	X42	X46	X52	X56	X60	X65	X70	X80
30,000	35,000	42,000	46,000	52,000	56,000	60,000	65,000	70,000	80,000

TIPO:

STD.- Pared normal "standard"
XS .- Pared de alto espesor "extra strong"
XXS.- Pared de gran espesor "doble extra strong"

"in": pulgada
"mm": milímetro
"psi": libras por pulgada cuadrada
"lb/ft": Peso en libras por pie
"kg/m": Peso en kilogramos por metro

GRADOS DE ACERO **A25 y X90**: Disponibles previa solicitud
GRADOS DE ACERO PARA **SERVICIO AMARGO**: Hasta **X52** disponibles en todos los diámetros; **Hasta X70** disponibles para diámetros menores o iguales a 14"

API: API 5L, Ed. 2000 Los datos provenientes de esta especificación van indicados en fuente normal
ASTM: ASME B36-10M, Ed. 1995 Los datos provenientes de esta especificación van indicados en fuente *cursiva*