

# CAÑERÍA ASTM A53 Gr. A-B

## 5" a 10"

Diámetro Nominal Cañería IPS <sup>®</sup>	Identificación IPS <sup>2</sup> Número Schedule		Dimensiones			Pesos		Superficies		Secciones		Momento Inercia m <sup>4</sup>	Módulo Resistente cm <sup>2</sup>	Radio Giro cm	Presión Prueba A kgf/cm <sup>2</sup>	Presión Prueba B kgf/cm <sup>2</sup>			
			Diámetros		Espesor mm	Cañería <sup>3)</sup> kgf/m	Agua en <sup>4)</sup> la Cañería kgf/m	Exterior <sup>5)</sup> m <sup>2</sup> /m	Interior <sup>6)</sup> m <sup>2</sup> /m	Transversales									
			Exterior mm	Interior mm						Fluido <sup>7)</sup> cm <sup>2</sup>	Metal <sup>8)</sup> cm <sup>2</sup>								
5	STD	40	141.3	133.38	3.96	13.41	13.97	0.4439	0.4190	139.7	17.09	403.2	57.2	4.858	17.7	83.1			
			141.3	131.74	4.78	16.09	13.63	0.4439	0.4139	136.3	20.50	478.2	67.7	4.830	85.9	100.0			
			141.3	130.18	5.56	18.61	13.31	0.4439	0.4090	133.1	23.71	547.0	77.4	4.803	100.0	116.2			
			141.3	128.2	6.55	21.77	12.91	0.4439	0.4028	129.1	27.73	630.8	89.3	4.770	117.6	137.3			
			141.3	127.02	7.14	23.62	12.67	0.4439	0.3990	126.7	30.09	679.0	96.1	4.750	128.2	149.3			
			141.3	125.46	7.92	26.05	12.36	0.4439	0.3941	123.6	33.19	740.6	105	4.724	142.3	166.2			
			141.3	123.82	8.74	28.57	12.04	0.4439	0.3890	120.4	36.40	803.0	114	4.697	157.0	183.1			
			141.3	122.26	9.52	30.94	11.74	0.4439	0.3841	117.4	39.41	860.0	122	4.671	171.1	197.2			
			141.3	115.9	12.7	40.28	10.55	0.4439	0.3641	105.5	51.31	1071.0	152	4.569	197.2	197.2			
	XXS	160	141.3	109.54	15.88	49.11	9.42	0.4439	0.3441	94.2	62.57	1250.0	177	4.470	197.2	197.2			
			141.3	103.2	19.05	57.43	8.36	0.4439	0.3242	83.6	73.16	1400.0	198	4.374	197.2	197.2			
			6	STD	40	168.3	158.74	4.78	19.27	19.79	0.5287	0.4987	197.9	24.56	821.4	98	5.784	71.8	83.8
	168.3	157.18				5.56	22.31	19.40	0.5287	0.4938	194.0	28.43	942.2	112	5.757	83.8	97.9		
	168.3	155.6				6.35	25.36	19.02	0.5287	0.4888	190.2	32.31	1060.8	126	5.730	95.8	111.3		
	168.3	154.08				7.11	28.26	18.65	0.5287	0.4841	186.5	36.00	1171.6	139	5.704	107.0	125.4		
	168.3	152.46				7.92	31.32	18.26	0.5287	0.4790	182.6	39.90	1286.2	153	5.677	119.7	139.4		
	168.3	150.82				8.74	34.39	17.87	0.5287	0.4738	178.7	43.81	1398.4	166	5.650	131.7	153.5		
	168.3	149.26				9.52	37.28	17.50	0.5287	0.4689	175.0	47.49	1501.9	178	5.624	143.7	167.6		
XXS	120	168.3				146.36	10.97	42.56	16.82	0.5287	0.4598	168.2	54.22	1685.8	200	5.576	165.5	193.0	
		168.3				139.76	14.27	54.2	15.34	0.5287	0.4391	153.4	69.05	2065.4	245	5.469	197.2	197.2	
		168.3		131.78	18.78	67.56	13.64	0.5287	0.4140	136.4	86.07	2457.9	292	5.344	197.2	197.2			
XXS	160	168.3		124.4	21.95	79.22	12.15	0.5287	0.3908	121.5	100.92	2762.7	328	5.232	197.2	197.2			
		8		STD	20	219.1	209.54	4.78	25.26	34.48	0.6883	0.6583	344.8	32.18	1848.8	169	7.579	54.9	64.8
						219.1	208.78	5.16	27.22	34.23	0.6883	0.6559	342.3	34.68	1985.4	181	7.566	59.9	70.4
						219.1	207.98	5.56	29.28	33.97	0.6883	0.6534	339.7	37.30	2127.5	194	7.552	64.1	75.4
						219.1	206.4	6.35	33.31	33.46	0.6883	0.6484	334.6	42.44	2403.4	219	7.525	73.2	85.9
						219.1	205.02	7.04	36.31	33.01	0.6883	0.6441	330.1	46.90	2639.3	241	7.502	81.7	95.1
						219.1	203.26	7.92	41.24	32.45	0.6883	0.6386	324.5	52.54	2933.3	268	7.472	91.5	107.0
						219.1	202.74	8.18	42.55	32.28	0.6883	0.6369	322.8	54.20	3018.7	276	7.463	94.4	110.6
			219.1			201.62	8.74	45.34	31.93	0.6883	0.6334	319.3	57.76	3200.4	292	7.444	101.4	118.3	
219.1	200.06		9.52			49.2	31.43	0.6883	0.6285	314.3	62.68	3448.6	315	7.417	110.6	128.9			
XXS	60		219.1	198.48	10.31	53.08	30.94	0.6883	0.635	309.4	67.63	3694.1	337	7.391	119.7	140.8			
			219.1	196.84	11.13	57.08	30.43	0.6883	0.6184	304.3	72.72	3942.7	360	7.363	128.9	150.0			
			219.1	193.7	12.7	64.64	29.47	0.6883	0.6085	294.7	82.35	4401.8	402	7.311	147.2	171.1			
			219.1	188.92	15.09	75.92	28.03	0.6883	0.5935	280.3	96.71	5059.1	462	7.233	176.1	197.2			
			219.1	182.58	18.26	90.44	26.18	0.6883	0.5736	261.8	115.21	5857.2	535	7.130	197.2	197.2			
			219.1	177.86	20.62	100.92	24.85	0.6883	0.5588	248.5	128.57	6399.7	584	7.055	197.2	197.2			
			219.1	174.66	22.22	107.88	23.96	0.6883	0.5487	239.6	137.43	6743.8	616	7.005	197.2	197.2			
			219.1	173.08	23.01	111.07	23.53	0.6883	0.5437	235.3	141.75	6906.9	630	6.980	197.2	197.2			
			10	STD	20	273	263.44	4.78	31.62	54.51	0.8577	0.8276	545.1	40.28	3623.3	265	9.485	44.4	51.4
273	262.68	5.16				34.08	54.19	0.8577	0.8252	541.9	43.42	3894.9	285	9.471	47.9	56.3			
273	261.88	5.56				36.67	53.86	0.8577	0.8227	538.6	46.71	4178.3	306	9.457	51.4	60.6			
273	260.3	6.35				41.75	53.22	0.8577	0.8178	532.2	53.19	4730.5	347	9.430	59.2	69.0			
273	258.82	7.09				49.49	52.61	0.8577	0.8131	526.1	59.23	5238.6	384	9.405	65.5	76.8			
273	257.4	7.8				51.01	52.04	0.8577	0.8086	520.4	64.99	5718.1	419	9.380	72.5	84.5			
273	255.52	8.74				56.96	51.28	0.8577	0.8027	512.8	72.56	6340.7	465	9.348	81.0	94.4			
273	254.46	9.27				60.29	50.85	0.8577	0.7994	508.5	76.80	6685.8	490	9.330	85.9	100.7			
273	250.74	11.13				71.87	49.38	0.8577	0.7877	493.8	91.57	7869.1	576	9.267	103.5	120.4			
XXS	60	273		247.6	12.7	81.52	48.15	0.8577	0.7779	481.5	103.86	8817.0	646	9.214	117.6	137.3			
		273		242.82	15.09	95.97	46.31	0.8577	0.7628	463.1	122.27	10200.9	747	9.134	140.1	163.4			
		273		236.48	18.26	114.7	43.92	0.8577	0.7429	439.2	146.13	11314.6	873	9.030	169.7	197.2			
		273		230.12	21.44	133	41.59	0.8577	0.7229	415.9	169.44	13500.6	989	8.926	197.2	197.2			
		273		222.2	25.4	155.09	38.78	0.8577	0.6981	387.8	197.58	15300.0	1121	8.800	197.2	197.2			
		273		215.86	28.57	172.21	36.60	0.8577	0.6781	366.0	219.39	16608.4	1217	8.701	197.2	197.2			