

CAÑERÍA ASTM A53 Gr. A-B

12" a 18"

Diámetro Nominal Cañería IPS ³⁾	Identificación		Dimensiones			Pesos		Superficies		Secciones		Momento	Módulo	Radio	Presión	Presión
	IPS ³⁾	Número Schedule	Diámetros		Espesor	Cañería ³⁾	Agua en ⁴⁾ la Cañería	Exterior ⁵⁾	Interior ⁶⁾	Transversales		Inercia	Resistente	Giro	Prueba A	Prueba B
			Exterior	Interior						Fluido ⁷⁾	Metal ⁸⁾					
			mm	mm												
12	STD	20	323.8	313.48	5.16	40.55	77.18	1.0172	0.9848	771.8	51.65	6557.3	405	11.27	40.1	47.2
323.8			312.68	5.56	43.63	76.79	1.0172	0.9823	767.9	55.59	7039.3	435	11.25	43.7	50.7	
323.8			311.1	6.35	49.71	76.01	1.0172	0.9773	760.1	63.33	7980.6	493	11.23	50.0	57.7	
323.8			309.52	7.14	55.75	75.24	1.0172	0.9724	752.4	71.03	8907.6	550	11.20	55.6	65.5	
323.8			307.96	7.92	61.69	74.49	1.0172	0.9675	744.9	78.60	9809.0	606	11.17	62.0	72.5	
323.8			307.04	8.38	65.18	74.04	1.0172	0.9646	740.4	83.04	10334.2	638	11.16	65.5	76.8	
40		323.8	306.32	8.74	67.9	73.70	1.0172	0.9623	737.0	86.51	10742.0	663	11.14	68.3	79.6	
		323.8	304.76	9.52	73.78	72.95	1.0172	0.9574	729.5	93.99	11615.7	717	11.12	74.6	87.3	
		323.8	303.18	10.31	79.7	72.19	1.0172	0.9525	721.9	101.54	12487.0	771	11.09	81.0	94.4	
		323.8	301.54	11.13	85.82	71.41	1.0172	0.9473	714.1	109.33	13377.2	826	11.06	87.3	101.4	
		60	323.8	298.4	12.7	97.43	69.93	1.0172	0.9375	699.3	124.12	15041.3	929	11.01	99.3	116.2
			323.8	295.26	14.27	108.92	68.47	1.0172	0.9276	684.7	138.76	16653.8	1029	10.96	112.0	130.3
XXS		80	323.8	288.84	17.48	132.04	65.52	1.0172	0.9074	655.2	168.22	19794.3	1223	10.85	136.6	159.9
		100	323.8	280.92	21.44	159.86	61.98	1.0172	0.8825	619.8	203.66	23390.3	1445	10.72	168.3	195.8
		120	323.8	273	25.4	186.91	58.53	1.0172	0.8577	585.3	238.11	26694.7	1649	10.59	197.2	197.2
		140	323.8	266.66	28.57	208	55.85	1.0172	0.8377	558.5	264.98	29140.7	1800	10.49	197.2	197.2
160	323.8	257.16	33.32	238.68	51.94	1.0172	0.8079	519.4	304.7	32493.1	2007	10.34	197.2	197.2		
14	STD	10	655.6	344.94	5.33	46.04	93.45	1.172	1.0897	934.5	58.65	8997.0	506	12.39	38.0	44.4
355.6			344.48	5.56	47.99	93.20	1.1172	1.0822	932.0	61.14	9366.9	527	12.38	39.4	46.5	
355.6			342.9	6.35	54.69	92.35	1.1172	1.0773	923.5	69.67	10626.4	598	12.35	45.1	52.8	
355.6			341.32	7.14	61.35	91.50	1.1172	1.0723	915.0	78.16	11868.6	668	12.32	50.7	59.2	
355.6			339.76	7.92	67.9	90.66	1.1172	1.0674	906.6	86.51	13078.2	736	12.30	56.3	60.2	
355.6			338.12	8.74	74.76	89.79	1.1172	1.0622	897.9	95.24	14332.1	806	12.27	62.0	72.5	
30		355.6	336.56	9.52	81.25	88.96	1.1172	1.0573	889.6	103.51	15508.0	872	12.24	67.6	78.9	
		355.6	333.34	11.13	94.55	87.27	1.1172	1.0472	872.7	120.45	17883.9	1006	12.19	79.6	92.3	
		355.6	331.78	11.91	100.94	86.46	1.1172	1.0423	864.6	128.60	19010.5	1069	12.16	85.2	99.3	
		355.6	330.2	12.7	107.39	85.63	1.1172	1.0374	856.3	136.81	20135.5	1132	12.13	90.8	105.6	
60		355.6	325.42	15.09	126.71	83.17	1.1172	1.0223	831.7	161.42	23441.8	1318	12.05	107.7	126.1	
		355.6	317.5	19.05	158.1	79.17	1.1172	0.9975	791.7	201.42	28608.4	1609	11.92	135.9	158.5	
		355.6	307.94	23.83	194.96	74.48	1.1172	0.9674	744.8	248.38	34350.3	1932	11.76	169.7	197.2	
		355.6	300.02	27.79	224.65	70.70	1.1172	0.9425	707.0	286.19	38719.1	2178	11.63	197.2	297.2	
		355.6	284.18	35.71	281.7	63.43	1.1172	0.8928	634.3	358.87	46476.2	2614	11.38	197.2	197.2	
		355.6	254	50.8	381.83	50.67	1.1172	0.7980	506.7	486.44	58058.8	3265	10.92	197.2	197.2	
80	355.6	247.66	53.97	401.44	48.17	1.1172	0.7780	481.7	511.42	60023.6	3376	10.83	197.2	197.2		
	355.6	243.84	55.88	413.01	46.70	1.1172	0.7660	467.0	526.17	61136.9	3439	10.78	197.2	197.2		
	355.6	228.6	63.5	457.4	41.04	1.1172	0.7182	410.4	582.71	65085.2	3661	10.57	197.2	197.2		
	16	10	406.4	395.28	5.56	54.96	122.72	1.2767	1.2418	1227.2	70.02	14064.7	692	14.17	34.5	40.1
			406.4	393.7	6.35	62.64	121.74	1.2767	1.2368	1217.4	79.81	15969.3	786	14.15	39.4	46.5
			406.4	392.12	7.14	70.3	120.76	1.2767	1.2319	1207.6	89.56	17851.1	878	14.12	44.4	52.1
			406.4	390.56	7.92	77.83	119.80	1.2767	1.2270	1198.0	99.15	19686.8	969	14.09	49.3	57.7
			406.4	388.92	8.74	85.71	118.80	1.2767	1.2218	1188.0	109.19	21593.2	1063	14.06	54.2	63.4
			406.4	387.36	9.52	93.17	117.85	1.2767	1.2169	1178.5	118.70	23384.3	1151	14.04	59.2	69.0
		30	406.4	384.14	11.13	108.49	115.90	1.2767	1.2068	1159.0	138.21	27013.5	1329	13.98	60.7	81.0
406.4			382.58	11.91	115.86	114.96	1.2767	1.2019	1149.6	147.60	28739.2	1414	13.95	74.6	86.6	
406.4			381	12.7	123.3	114.01	1.2767	1.1969	1140.1	157.08	30465.7	1499	13.93	78.9	92.3	
406.4			373.08	16.66	160.12	109.32	1.2767	1.1721	1093.2	203.99	38801.9	1910	13.79	104.2	121.1	
60	406.4	363.52	21.44	203.53	103.79	1.2767	1.1420	1037.9	259.29	48181.1	2371	13.63	133.8	156.3		
	406.4	354.02	26.19	245.56	98.43	1.2767	1.1122	984.3	312.83	56796.5	2795	13.47	163.0	190.8		
	406.4	344.48	30.96	286.64	93.20	1.2767	1.0822	932.0	365.17	64777.7	3188	13.32	193.0	197.2		
	406.4	333.34	36.53	333.19	87.27	1.2767	1.0472	872.7	424.47	73294.7	3607	13.14	197.2	197.2		
	406.4	325.42	40.49	365.35	83.17	1.2767	1.0223	831.7	465.45	78852.6	3881	13.02	197.2	197.2		
	18	10	457.2	444.5	6.35	70.6	155.18	1.4363	1.3964	1551.8	89.94	22856.8	1000	15.94	35.2	40.8
457.2			442.92	7.14	79.24	154.08	1.4363	1.3915	1540.8	100.95	25566.9	1118	15.91	39.4	46.5	
457.2			441.36	7.92	87.75	152.99	1.4363	1.3866	1529.9	117.79	28214.4	1234	15.89	43.7	51.4	
457.2			439.72	8.74	96.66	151.86	1.4363	1.3814	1518.6	123.14	30967.6	1355	15.86	48.6	56.3	
457.2			438.16	9.52	105.1	150.78	1.4363	1.3765	1507.8	133.89	33558.0	1468	15.83	52.8	60.2	
457.2			436.58	10.31	113.62	149.70	1.4363	1.3716	1497.0	144.75	36153.6	1582	15.80	57.0	66.9	
30		457.2	434.94	11.13	122.43	148.58	1.4363	1.3664	1485.8	155.97	38818.1	1698	15.78	62.0	71.8	
		457.2	433.38	11.91	130.78	147.51	1.4363	1.3615	1475.1	166.61	41324.8	1808	15.75	66.2	76.8	
		457.2	431.8	12.7	139.2	146.44	1.4363	1.3565	1464.4	177.35	43836.2	1918	15.72	70.4	82.4	
		457.2	428.66	14.27	155.87	144.32	1.4363	1.3467	1443.2	198.57	48746.1	2132	15.67	78.9	92.3	
		457.2	419.1	19.05	205.83	137.95	1.4363	1.3166	1379.5	262.22	63044.0	2758	15.51	105.6	123.2	
		457.2	409.54	23.83	245.67	131.73	1.4363	1.2866	1317.3	324.44	76396.2	3342	15.35	132.4	154.2	
60		457.2	398.48	29.36	309.76	124.71	1.4363	1.2519	1247.1	394.63	90719.5	3968	15.16	162.7	190.1	
		457.2	387.36	34.92	363.64	117.85	1.4363	1.2169	1178.5	463.26	103967.0	4548	14.98	193.7	197.2	
		457.2	377.86	39.67	408.45	112.14	1.4363	1.1871	1121.4	520.36	114416.3	5005	14.83	197.2	197.2	
		457.2	366.72	45.24	459.59	105.62	1.4363	1.1521	1056.2	585.50	125705.3	5499	14.65	197.2	197.2	