

Nom.	mm externo	mm interno	mm parede	Kg/m	Den.	schedule
1/4"	13,72	9,24	2,24	0,63	STD	40
		7,68	3,02	0,80	XS	80
		7,12	3,30	0,82	-	160
3/8"	17,15	12,53	2,31	0,85	STD	40
		10,75	3,20	1,10	XS	80
		7,65	4,75	1,56	-	160
1/2"	21,34	15,80	2,77	1,25	STD	40
		14,16	3,73	1,62	XS	80
		11,78	4,78	1,95	-	160
		6,40	7,47	2,54	XXS	-
3/4"	26,67	20,93	2,87	1,68	STD	40
		18,85	3,91	2,19	XS	80
		15,55	5,56	2,89	-	160
		11,03	7,82	3,63	XXS	-
1"	33,40	26,64	3,38	2,50	STD	40
		24,30	4,55	3,23	XS	80
		20,68	6,36	4,23	-	160
		15,22	9,09	5,45	XXS	-
1 1/4"	42,16	35,04	3,56	3,38	STD	40
		32,46	4,85	4,46	XS	80
		29,46	6,35	5,60	-	160
		22,76	9,70	7,75	XXS	-
1 1/2"	48,26	40,90	3,68	4,05	STD	40
		38,10	5,08	5,40	XS	80
		33,98	7,14	7,23	-	160
		27,94	10,16	9,54	XXS	-
2"	60,32	52,50	3,91	5,43	STD	40
		49,24	5,54	7,47	XS	80
		42,84	8,74	11,10	-	160
		38,18	11,07	13,41	XXS	-
2 1/2"	73,03	62,71	5,16	8,62	STD	40
		59,01	7,01	11,40	XS	80
		53,99	9,52	14,90	-	160
		44,99	14,02	20,37	XXS	-
3"	88,90	77,92	5,49	11,28	STD	40
		73,66	7,62	15,25	XS	80
		66,64	11,13	21,31	-	160
		58,42	15,24	27,65	XXS	-
3 1/2"	101,60	90,12	5,74	13,56	STD	40
		85,44	8,08	19,60	XS	80
4"	114,30	102,26	6,02	16,06	STD	40
		97,18	8,56	22,29	XS	80
		92,04	11,13	28,27	-	120
		87,32	13,49	33,49	-	160
		80,06	17,12	40,98	XXS	-
5"	141,30	128,30	6,55	21,75	STD	40
		122,26	9,52	30,92	XS	80
		115,90	12,70	40,25	-	120
		109,54	15,88	49,01	-	160
		103,20	19,05	57,36	XXS	-

Nom.	mm externo	mm interno	mm parede	Kg/m	Den.	schedule
6"	168,30	155,60	6,35	25,33	STD	-
		154,08	7,11	28,23	-	40
		146,36	10,97	42,51	XS	80
		139,76	14,27	54,15	-	120
		131,78	18,26	67,48	-	160
		124,40	21,95	79,10	XXS	-
		206,37	6,35	33,27	-	20
8"	219,07	204,99	7,04	36,75	-	30
		202,71	8,18	42,48	STD	40
		198,45	10,31	53,03	-	60
		193,67	12,70	64,56	XS	80
		188,89	15,09	75,81	-	100
		182,55	18,26	90,47	-	120
		177,83	20,62	100,83	-	140
10"	273,05	174,63	22,22	107,76	XXS	-
		173,05	23,01	111,14	-	160
		260,35	6,35	41,74	-	20
		257,45	7,80	50,95	-	30
		254,51	9,27	60,23	STD	40
		247,65	12,70	81,45	XS	60
		242,87	15,09	95,87	-	80
12"	323,84	236,53	18,26	114,62	-	100
		230,17	21,44	132,86	-	120
		222,25	25,40	154,95	XXS	140
		215,91	28,57	172,07	-	160
		311,14	6,35	49,67	-	20
		307,08	8,38	65,13	-	30
		304,80	9,52	73,75	STD	-
14"	355,60	303,22	10,31	79,64	-	40
		298,44	12,70	97,34	XS	-
		295,30	14,27	108,85	-	60
		288,90	17,47	131,88	-	80
		280,96	21,44	159,69	-	100
		273,24	25,40	186,73	XXS	120
		266,70	28,57	207,83	-	140
16"	397,52	257,20	33,32	238,49	-	160
		342,90	6,35	54,68	-	10
		339,76	7,92	67,87	-	20
		336,56	9,52	81,20	STD	30
		334,34	11,13	94,40	-	40
		320,20	12,70	107,27	XS	-
		325,22	15,19	126,56	-	60
18"	439,52	317,55	19,05	157,92	-	80
		307,96	23,82	194,70	-	100
		300,02	27,79	224,38	-	120
		292,10	31,75	253,27	-	140
		284,18	35,71	281,40	-	160
		425,04	6,35	65,97	-	20
		420,26	8,38	81,43	-	30

Nom.	mm externo	mm interno	mm parede	Kg/m	Den.	schedule
16"	406,40	393,70	6,35	62,57	-	10
		390,56	7,92	77,78	-	20
		387,36	9,52	93,16	STD	30
		381,00	12,70	123,16	XS	40
		373,08	16,66	159,96	-	60
		363,52	21,44	203,28	-	80
		354,02	26,19	245,25	-	100
		344,48	30,96	286,34	-	120
		333,34	36,53	332,78	-	140
		325,42	40,49	364,93	-	160
18"	457,20	444,50	6,35	70,52	-	10
		441,36	7,92	87,70	-	20
		438,16	9,52	105,04	STD	-
		434,94	11,13	122,24	-	30
		431,80	12,70	139,05	XS	-
		428,66	14,27	155,75	-	40
		419,10	19,05	205,60	-	60
		409,54	23,83	254,33	-	80
		398,48	29,36	309,44	-	100
		387,36	34,92	363,28	-	120
20"	508,00	377,86	39,67	408,04	-	140
		366,70	45,25	459,05	-	160
		495,30	6,35	78,47	-	10
		488,95	9,53	116,97	STD	20
		482,60	12,70	154,97	XS	30
		477,82	15,09	183,14	-	40
		466,76	20,62	247,78	-	60
		455,62	26,19	310,91	-	80
		442,92	32,54	381,20	-	100
		431,80	38,10	441,06	-	120
22"	558,00	419,10	44,45	507,63	-	140
		407,98	50,01	564,24	-	160
		546,10	6,35	86,41	-	10
		539,76	9,52	128,88	-	20
		533,40	12,70	182,32	XS	30
		527,04	15,88	212,31	-	40
		514,36	22,22	293,75	-	60
		501,66	28,57	373,21	-	80
		488,96	34,92	450,69	-	100
		476,26	41,27	526,17	-	120
24"	609,60	463,56	47,62	599,66	-	140
		450,86	53,97	671,15	-	160
		596,90	6,35	94,35	-	10
		590,56	9,52	140,80	STD	20
		584,20	12,70	186,73	XS	-
		581,06	14,27	209,33	-	30
		574,64	17,48	254,88	-	40
		560,38	24,61	354,66	-	60
		547,68	30,96	441,31	-	80
		531,82	38,89	546,68	-	100
26"	660,40	517,66	46,02	638,96	-	120
		504,86	52,37	718,88	-	140
		490,54	59,53	807,50	-	160