



# TUBING MÉTRICO DE ACERO AL CARBÓN

## FOSFATADO

Estirado en frío sin costura

Tubos de acero de alta presión para aplicaciones hidráulicas y neumáticas

DIN 2391/2445

Factor de seguridad: 1.5

No. Item	O.D	Espesor de pared	Presión de trabajo	Presión de prueba	Presión de ruptura	Peso
S004X1.0	4.0 mm	1.0 mm	N/A	N/A	N/A	N/A
S006X1.0	6.0 mm	1.0 mm	377 bar	558 bar	1320 bar	0.12 kg/m
S006X1.5	6.0 mm	1.5 mm	564 bar	792 bar	1584 bar	0.17 kg/m
S006X2.0	6.0 mm	2.0 mm	644 bar	966 bar	1932 bar	0.19 kg/m
S008X1.0	8.0 mm	1.0 mm	282 bar	430 bar	953 bar	0.17 kg/m
S008X1.5	8.0 mm	1.5 mm	424 bar	619 bar	1514 bar	0.24 kg/m
S008X2.0	8.0 mm	2.0 mm	565 bar	792 bar	2145 bar	0.30 kg/m
S010X1.0	10.0 mm	1.0 mm	239 bar	370 bar	746 bar	0.22 kg/m
S010X1.5	10.0 mm	1.5 mm	359 bar	538 bar	1170 bar	0.31 kg/m
S010X2.0	10.0 mm	2.0 mm	479 bar	694 bar	1634 bar	0.39 kg/m
S012X1.0	12.0 mm	1.0 mm	199 bar	308 bar	612 bar	0.27 kg/m
S012X1.5	12.0 mm	1.5 mm	299 bar	455 bar	953 bar	0.39 kg/m
S012X2.0	12.0 mm	2.0 mm	399 bar	591 bar	1320 bar	0.49 kg/m
S012X2.5	12.0 mm	2.5 mm	399 bar	N/A	N/A	N/A
S014X1.0	14.0 mm	1.0 mm	N/A	N/A	N/A	N/A
S014X1.5	14.0 mm	1.5 mm	256 bar	394 bar	804 bar	0.46 kg/m
S014X2.0	14.0 mm	2.0 mm	342 bar	514 bar	1107 bar	0.58 kg/m
S014X2.5	14.0 mm	2.5 mm	403 bar	604 bar	1209 bar	0.71 kg/m
S015X1.0	15.0 mm	1.0 mm	129 bar	194 bar	388 bar	0.35 kg/m
S015X1.5	15.0 mm	1.5 mm	239 bar	370 bar	746 bar	0.5 kg/m
S015X2.0	15.0 mm	2.0 mm	319 bar	483 bar	1024 bar	0.64 kg/m
S015X2.5	15.0 mm	2.5 mm	376 bar	564 bar	1128 bar	0.78 kg/m
S016X1.0	16.0 mm	1.0 mm	121 bar	182 bar	363 bar	0.36 kg/m
S016X1.5	16.0 mm	1.5 mm	224 bar	347 bar	695 bar	0.54 kg/m
S016X2.0	16.0 mm	2.0 mm	299 bar	455 bar	953 bar	0.69 kg/m
S016X2.5	16.0 mm	2.5 mm	374 bar	558 bar	1225 bar	0.83 kg/m
S016X3.0	16.0 mm	3.0 mm	449 bar	656 bar	1514 bar	0.96 kg/m
S018X1.0	18.0 mm	1.0 mm	107 bar	161 bar	321 bar	0.40 kg/m
S018X1.5	18.0 mm	1.5 mm	199 bar	308 bar	612 bar	0.61 kg/m
S018X2.0	18.0 mm	2.0 mm	266 bar	408 bar	837 bar	0.79 kg/m
S018X2.5	18.0 mm	2.5 mm	313 bar	469 bar	939 bar	0.96 kg/m
S018X3.0	18.0 mm	3.0 mm	399 bar	591 bar	1320 bar	1.11 kg/m
S020X1.5	20.0 mm	1.5 mm	179 bar	277 bar	547 bar	0.68 kg/m
S020X2.0	20.0 mm	2.0 mm	239 bar	370 bar	746 bar	0.89 kg/m
S020X2.5	20.0 mm	2.5 mm	299 bar	455 bar	953 bar	1.08 kg/m
S020X3.0	20.0 mm	3.0 mm	359 bar	538 bar	1170 bar	1.26 kg/m
S020X4.0	20.0 mm	4.0 mm	479 bar	694 bar	1693 bar	1.58 kg/m
S022X1.5	22.0 mm	1.5 mm	163 bar	252 bar	495 bar	0.76 kg/m
S022X2.0	22.0 mm	2.0 mm	217 bar	336 bar	673 bar	0.99 kg/m
S022X2.5	22.0 mm	2.5 mm	272 bar	417 bar	858 bar	1.20 kg/m
S022X3.0	22.0 mm	3.0 mm	326 bar	439 bar	1050 bar	1.41 kg/m

S025X1.0	25.0 mm	1.0 mm	N/A	N/A	N/A	N/A
S025X2.0	25.0 mm	2.0 mm	191 bar	296 bar	586 bar	1.13 kg/m
S025X2.5	25.0 mm	2.5 mm	239 bar	370 bar	746 bar	1.39 kg/m
S025X3.0	25.0 mm	3.0 mm	287 bar	438 bar	911 bar	1.63 kg/m
S025X4.0	25.0 mm	4.0 mm	399 bar	595 bar	1259 bar	2.07 kg/m
S028X1.5	28.0 mm	1.5 mm	128 bar	198 bar	384 bar	0.98 kg/m
S028X2.0	28.0 mm	2.0 mm	171 bar	264 bar	520 bar	1.28 kg/m
S028X2.5	28.0 mm	2.5 mm	201 bar	301 bar	603 bar	1.57 kg/m
S028X3.0	28.0 mm	3.0 mm	256 bar	394 bar	804 bar	1.85 kg/m
S028X4.0	28.0 mm	4.0 mm	302 bar	453 bar	906 bar	2.37 kg/m
S030X2.0	30.0 mm	2.0 mm	159 bar	246 bar	483 bar	1.38 kg/m
S030X2.5	30.0 mm	2.5 mm	199 bar	308 bar	612 bar	1.70 kg/m
S030X3.0	30.0 mm	3.0 mm	239 bar	370 bar	746 bar	2.00 kg/m
S030X4.0	30.0 mm	4.0 mm	333 bar	504 bar	1024 bar	2.57 kg/m
S030X5.0	30.0 mm	5.0 mm	416 bar	617 bar	1320 bar	3.08 kg/m
S032X1.5	32.0 mm	1.5 mm	N/A	N/A	N/A	N/A
S035X2.0	35.0 mm	2.0 mm	142 bar	220 bar	411 bar	1.63 kg/m
S035X2.5	35.0 mm	2.5 mm	178 bar	275 bar	520 bar	2.00 kg/m
S035X3.0	35.0 mm	3.0 mm	214 bar	331 bar	631 bar	2.37 kg/m
S035X4.0	35.0 mm	4.0 mm	322 bar	463 bar	966 bar	3.06 kg/m
S035X5.0	35.0 mm	5.0 mm	403 bar	604 bar	1209 bar	3.70 kg/m
S038X2.5	38.0 mm	2.5 mm	164 bar	254 bar	476 bar	2.19 kg/m
S038X3.0	38.0 mm	3.0 mm	197 bar	305 bar	578 bar	2.59 kg/m
S038X4.0	38.0 mm	4.0 mm	263 bar	405 bar	789 bar	3.35 kg/m
S038X5.0	38.0 mm	5.0 mm	328 bar	498 bar	1009 bar	4.07 kg/m
S042X2.0	42.0 mm	2.0 mm	119 bar	183 bar	339 bar	1.97 kg/m
S042X3.0	42.0 mm	3.0 mm	171 bar	264 bar	520 bar	2.89 kg/m
S042X4.0	42.0 mm	4.0 mm	238 bar	367 bar	707 bar	3.75 kg/m
S042X5.0	42.0 mm	5.0 mm	297 bar	454 bar	903 bar	4.56 kg/m
S050X5.0	50.0 mm	5.0 mm	249 bar	386 bar	746 bar	5.55 kg/m
S050X6.0	50.0 mm	6.0 mm	299 bar	457 bar	911 bar	6.51 kg/m
S060X6.0	60.0 mm	6.0 mm	249 bar	386 bar	746 bar	7.99 kg/m
S060X8.0	60.0 mm	8.0 mm	333 bar	504 bar	1024 bar	10.26 kg/m