

SAE Carbon Steel CrVI-Free Tubing

for Hydraulic and Pneumatic Power Systems

SAE J524, EN 10305-4

Tube O.D. (in)	Wall Thickness (in)	Working Pressure (psi*)	Weight (lb/ft)	Item Number	
3/16	0.190	0.035	5450	0.06	STIM-0.19X0.035CF
1/4	0.250	0.035	4288	0.08	STIM-0.25X0.035CF
		0.049	6495	0.11	STIM-0.25X0.049CF
		0.065	9581	0.13	STIM-0.25X0.065CF
5/16	0.310	0.035	3100	0.10	STIM-0.31X0.035CF
3/8	0.375	0.035	2697	0.13	STIM-0.37X0.035CF
		0.049	3954	0.17	STIM-0.37X0.049CF
		0.065	5556	0.22	STIM-0.37X0.065CF
1/2	0.500	0.035	1969	0.17	STIM-0.50X0.035CF
		0.049	2848	0.24	STIM-0.50X0.049CF
		0.065	3931	0.30	STIM-0.50X0.065CF
		0.083	5267	0.37	STIM-0.50X0.083CF
		0.095	6240	0.41	STIM-0.50X0.095CF
5/8	0.625	0.049	2226	0.30	STIM-0.62X0.049CF
		0.065	3044	0.39	STIM-0.62X0.065CF
		0.083	4030	0.48	STIM-0.62X0.083CF
3/4	0.750	0.035	1279	0.27	STIM-0.75X0.035CF
		0.049	1828	0.37	STIM-0.75X0.049CF
		0.065	2485	0.48	STIM-0.75X0.065CF
		0.083	3266	0.59	STIM-0.75X0.083CF
		0.095	3813	0.67	STIM-0.75X0.095CF
		0.120	5034	0.81	STIM-0.75X0.120CF
1	1.000	0.035	947	0.36	STIM-1.00X0.035CF
		0.049	1346	0.50	STIM-1.00X0.049CF
		0.065	1818	0.65	STIM-1.00X0.065CF
		0.083	2370	0.81	STIM-1.00X0.083CF
		0.095	2751	0.92	STIM-1.00X0.095CF
		0.109	3210	1.04	STIM-1.00X0.109CF
		0.120	3582	1.13	STIM-1.00X0.120CF
1-¼	1.250	0.065	1434	0.82	STIM-1.25X0.065CF
		0.095	2152	1.17	STIM-1.25X0.095CF
		0.109	2502	1.33	STIM-1.25X0.109CF
		0.120	2783	1.45	STIM-1.25X0.120CF
1-½	1.500	0.095	1768	1.43	STIM-1.50X0.095CF
		0.120	2276	1.77	STIM-1.50X0.120CF

Type

Seamless Cold-Drawn Precision Steel Tubes
Annealed for Bending and Flaring

Material

E235 +N (St. 37.4 NBK)

Surface Treatment

Inside oiled, outside galvanized and
passivated CrVI-free

Safety Factor

4:1

Dimensions

OD: 0.19" - 1.5"

Wall Thickness: 0.035" - 0.120"

Length: 6m (19' 8-¼")

Additional sizes available upon request.



* Working Pressures at 4:1 Design Factor (psi/MPa)