

J.I.C. HYDRAULIC TUBING

SMLS – SAE J-524/AMS 5050J, ASTM A/ASME SA-179 AVERAGE WALL

WLD – SAE J-525/A-214 AVERAGE WALL

O.D. (In.)	Wall (In.)	I.D. (In.)	Grade	Wt./Ft. (lbs.)
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1/8" O.D.

.125	.035	.055	SMLS	.034
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3/16" O.D.

.188	.028	.132	SMLS	.048
.188	.035	.118	SMLS	.057

1/4" O.D.

.250	.028	.194	WLD	.066
.250	.035	.180	SMLS/WLD	.080
.250	.049	.152	SMLS/WLD	.105
.250	.065	.120	SMLS	.128

5/16" O.D.

.313	.035	.243	SMLS	.104
.313	.049	.215	SMLS	.138
.313	.065	.183	SMLS	.172

3/8" O.D.

.375	.035	.305	SMLS/WLD	.127
.375	.049	.277	SMLS/WLD	.171
.375	.065	.245	SMLS/WLD	.215
.375	.083	.209	SMLS	.259

1/2" O.D.

.500	.035	.430	SMLS/WLD	.174
.500	.049	.402	SMLS/WLD	.236
.500	.065	.370	SMLS/WLD	.302
.500	.083	.334	SMLS/WLD	.370
.500	.095	.310	SMLS	.411

5/8" O.D.

.625	.035	.555	SMLS/WLD	.221
.625	.049	.527	SMLS/WLD	.301
.625	.065	.495	SMLS/WLD	.389
.625	.083	.459	SMLS/WLD	.481
.625	.095	.435	SMLS/WLD	.538

3/4" O.D.

.750	.035	.680	SMLS/WLD	.267
.750	.049	.652	SMLS/WLD	.367
.750	.065	.620	SMLS/WLD	.476
.750	.083	.584	SMLS/WLD	.591
.750	.095	.560	SMLS/WLD	.665
.750	.109	.532	SMLS	.746
.750	.120	.510	SMLS	.807

7/8" O.D.

.875	.049	.777	SMLS/WLD	.432
.875	.065	.745	SMLS/WLD	.562
.875	.095	.685	SMLS	.791

O.D. (In.)	Wall (In.)	I.D. (In.)	Grade	Wt./Ft. (lbs.)
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1" O.D.

1.000	.049	.902	SMLS/WLD	.498
1.000	.065	.870	SMLS/WLD	.649
1.000	.083	.834	SMLS/WLD	.813
1.000	.095	.810	SMLS/WLD	.918
1.000	.109	.782	SMLS/WLD	1.037
1.000	.120	.760	SMLS/WLD	1.128

1-1/8" O.D.

1.125	.065	.995	WLD	.736
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1-1/4" O.D.

1.250	.065	1.120	SMLS/WLD	.823
1.250	.095	1.060	SMLS/WLD	1.172
1.250	.120	1.010	SMLS/WLD	1.448

1-1/2" O.D.

1.500	.065	1.370	SMLS/WLD	.996
1.500	.095	1.310	SMLS/WLD	1.426
1.500	.120	1.260	SMLS/WLD	1.769

1-3/4" O.D.

1.750	.065	1.620	WLD	1.170
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2" O.D.

2.000	.065	1.870	WLD	1.343
2.000	.095	1.810	WLD	1.933

METRIC J.I.C. HYDRAULIC TUBING

SMLS – DIN 2391/C/SAE J524/ASTM A 179/
AVERAGE WALL ST 37.4

O.D. (mm.)	Wall (mm.)	I.D. (mm.)	Grade	Wt./Ft. (lbs.)
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6	1	4	SMLS	.083
8	1	6	SMLS	.116
8	1.5	5	SMLS	.161
10	1	8	SMLS	.149
10	1.5	7	SMLS	.211
12	1	10	SMLS	.182
12	1.5	9	SMLS	.261
15	1.5	12	SMLS	.335
16	2	12	SMLS	.465
18	1.5	15	SMLS	.409
20	2	16	SMLS	.598