

REFERENCE INFORMATION FOR COPPER TUBE TYPE "M"
- CONDENSATE PIPING -

Nominal or standard size (inches)	Nominal dimensions (inches)			Calculated values (based on nominal dimensions)				
	Outside diameter	Inside diameter	Wall thickness	Cross sectional area of bore (sq. inches)	Weight of tube (lbs. per ft.)	Weight of tube & water (lbs. per linear ft.)	Contents of tube (per linear ft.)	
							Cu ft.	Gal.
$\frac{3}{8}$	.500	.450	.025	.159	.145	.214	.00110	.00826
$\frac{1}{2}$	.625	.569	.028	.254	.204	.314	.00176	.0132
$\frac{3}{4}$	.875	.811	.032	.517	.328	.551	.00359	.0269
1	1.125	1.055	.035	.874	.465	.843	.00607	.0454
1 $\frac{1}{4}$	1.375	1.291	.042	1.31	.682	1.25	.00910	.0681
1 $\frac{1}{2}$	1.625	1.527	.049	1.83	.940	1.73	.0127	.0951
2	2.125	2.009	.058	3.17	1.46	2.83	.0220	.165
2 $\frac{1}{2}$	2.625	2.495	.065	4.89	2.03	4.14	.0340	.254
3	3.125	2.981	.072	6.98	2.68	5.70	.0485	.363
3 $\frac{1}{2}$	3.625	3.459	.083	9.40	3.58	7.64	.0653	.488
4	4.125	3.935	.095	12.2	4.66	9.83	.0847	.634
5	5.125	4.907	.109	18.9	6.66	14.8	.131	.982
6	6.125	5.881	.122	27.2	8.92	20.7	.189	1.41
8	8.125	7.785	.170	47.6	16.5	37.1	.331	2.47
10	10.125	9.701	.212	73.9	25.6	57.5	.513	3.84
12	12.125	11.617	.254	106	36.7	82.5	.736	5.51

REFERENCE INFORMATION FOR COPPER TUBE TYPE "L"
- DOMESTIC WATER PIPING -

Nominal or standard size (inches)	Nominal dimensions (inches)			Calculated values (based on nominal dimensions)				
	Outside diameter	Inside diameter	Wall thickness	Cross sectional area of bore (sq. inches)	Weight of tube (lbs. per ft.)	Weight of tube & water (lbs. per linear ft.)	Contents of tube (per linear ft.)	
							Cu ft.	Gal.
1/4	.375	.315	.030	.078	.126	.160	.00054	.00405
3/8	.500	.440	.035	.145	.198	.261	.00101	.00753
1/2	.625	.545	.040	.233	.285	.386	.00162	.0121
5/8	.750	.666	.042	.334	.362	.506	.00232	.0174
3/4	.875	.785	.045	.484	.455	.664	.00336	.0251
1	1.125	1.025	.050	.825	.655	1.01	.00573	.0429
1 1/4	1.375	1.265	.055	1.26	.884	1.43	.00875	.0655
1 1/2	1.625	1.505	.060	1.78	1.14	1.91	.0124	.0925
2	2.125	1.985	.070	3.09	1.75	3.09	.0215	.161
2 1/2	2.625	2.465	.080	4.77	2.48	4.54	.0331	.248
3	3.125	2.945	.090	6.81	3.33	6.27	.0473	.354
3 1/2	3.625	3.425	.100	9.21	4.29	8.27	.0640	.478
4	4.125	3.905	.110	11.0	5.38	10.1	.0764	.571
5	5.125	4.875	.125	18.7	7.61	15.7	.130	.971
6	6.125	5.845	.140	26.8	10.2	21.8	.186	1.39
8	8.125	7.725	.200	46.9	19.3	39.6	.326	2.44
10	10.125	9.625	.250	72.8	30.1	61.6	.506	3.78
12	12.125	11.565	.280	105	40.4	85.8	.729	5.45

REFERENCE INFORMATION FOR COPPER TUBE TYPE "DWV"
- VENT PIPING -

Nominal or standard size (inches)	Nominal dimensions (inches)			Calculated values (based on nominal dimensions)				
	Outside diameter	Inside diameter	Wall thickness	Cross sectional area of bore (sq. inches)	Weight of tube (lbs. per ft.)	Weight of tube & water (lbs. per linear ft.)	Contents of tube (per linear ft.)	
							Cu ft.	Gal.
1 1/4	1.375	1.295	.040	1.32	.650	1.22	.00917	.0686
1 1/2	1.625	1.541	.042	1.87	.809	1.62	.0130	.0971
2	2.125	2.041	.042	3.27	1.07	2.48	.0227	.170
3	3.125	3.030	.045	7.21	1.69	4.81	.0501	.375
4	4.125	4.009	.058	11.6	2.87	7.88	.0806	.603
5	5.125	4.981	.072	19.5	4.43	12.9	.135	1.01
6	6.125	5.959	.083	27.9	6.10	18.2	.194	1.45
8	8.125	7.907	.109	49.1	10.6	31.8	.341	2.55