

Copper Tubing Rated Internal Working Pressure. Based on ASME B31.

NFPA 58 specified service pressure rating of copper tubing

Service	Minimum Pressure
LP-Gas higher than container pressure	350 psig
LP-Gas liquid	250 psig
LP-Gas vapor over 125 psig	250 psig
LP-Gas vapor at or less than 125 psig	125 psig

LP-Gas Service Recommendation

Because of its greater wall thickness, we recommend Type K copper for all underground systems, any liquid service and any unregulated vapor service.

**Type K Copper
(annealed)**

**Underground lines
or
Liquid LP-Gas**

TYPE K					
Nominal Size I.D. (inches)	Outside Diameter		Wall Thickness	Working Pressure @ 150°F (psi)	Weight (lbs. per ft.)
1/4"	.375	3/8	.035	913	0.145
3/8"	.500	1/2	.049	960	0.269
1/2"	.625	5/8	.049	758	0.344
5/8"	.750	3/4	.049	626	0.419
3/4"	.875	7/8	.065	724	0.642
1"	1.125	1-1/8"	.065	563	0.839

**Type L Copper
(annealed)**

**General
Vapor
Distribution
Systems**

TYPE L					
Nominal Size I.D. (inches)	Outside Diameter		Wall Thickness	Working Pressure @ 150°F (psi)	Weight (lbs. per ft.)
1/4"	.375	3/8	.030	775	0.126
3/8"	.500	1/2	.035	662	0.198
1/2"	.625	5/8	.040	614	0.286
5/8"	.750	3/4	.042	536	0.362
3/4"	.875	7/8	.045	495	0.448
1"	1.125	1-1/8"	.050	420	0.655

**Type ACR Copper
(annealed)**

**General
Vapor
Distribution
Systems**

TYPE ACR					
Nominal Size I.D. (inches)	Outside Diameter		Wall Thickness	Working Pressure @ 150°F (psi)	Weight (lbs. per ft.)
1/4"	.375	3/8	.032	836	0.134
3/8"	.500	1/2	.032	618	0.182
1/2"	.625	5/8	.035	525	0.251
5/8"	.750	3/4	.035	435	0.305
3/4"	.875	7/8	.045	495	0.455
1"	1.125	1-1/8"	.050	420	0.655

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