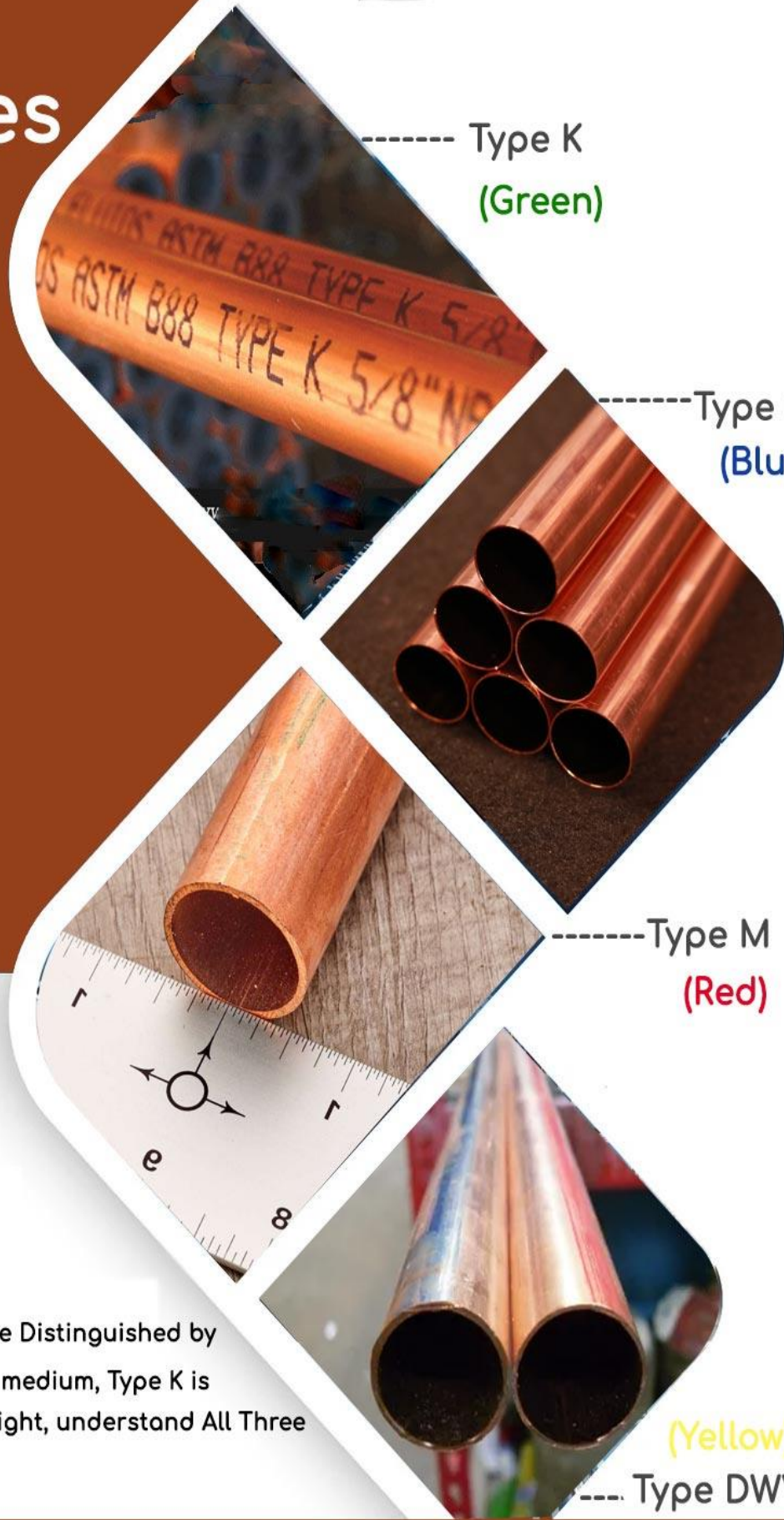




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Alloying Dreams in Reality.

Copper Types

K L M



----- Type K
(Green)

----- Type L
(Blue)

----- Type M
(Red)

(Yellow)

----- Type DWV

Prepared By:

Jugal Tube

Three Varieties of Copper Tubing Are Distinguished by The Letters "K," "L," and "M", Type L is medium, Type K is The Heavy and Type M is Thinner Weight, understand All Three Types More Difference Here



(+91) 9152910540

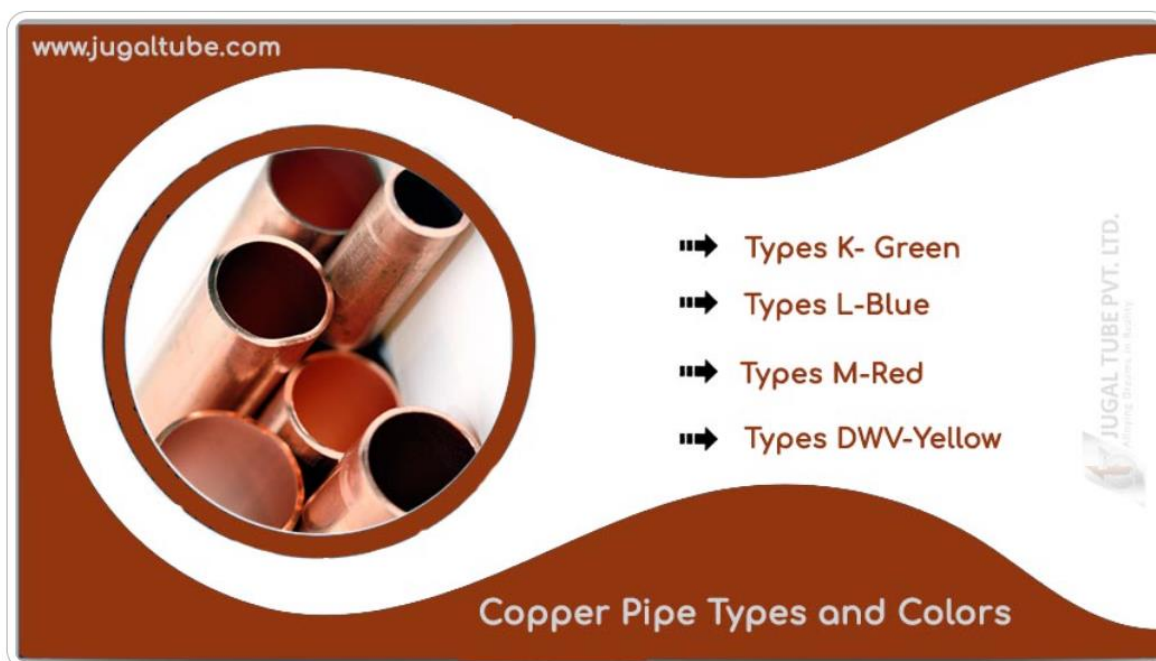


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Copper Pipe Types and Colours



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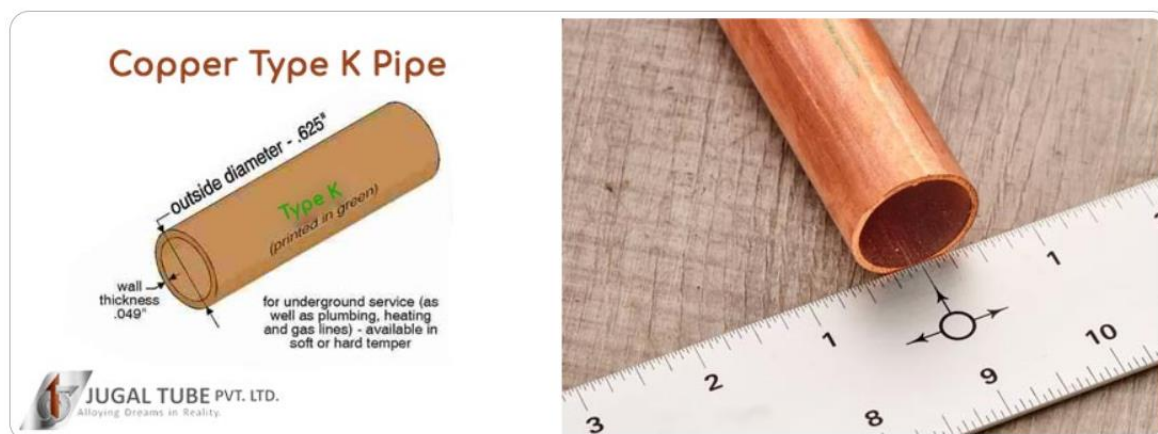
Types K- Green
Types L-Blue
Types M-Red
Types DWV-Yellow

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Copper Pipe Types and Colors

Detailed description: This infographic features a central circular image of several copper pipes of different colors (green, blue, red, yellow) stacked together. To the right of this image is a list of pipe types with corresponding color-coded arrows. The background is a dark brown gradient with a white circular frame around the pipe image. The company logo and name are visible in the top left and bottom right corners.

Copper Tube Type K Dimensions



Copper Type K Pipe

Outside diameter - .625"
Type K
(printed in green)

wall thickness .049"

for underground service (as well as plumbing, heating and gas lines) - available in soft or hard temper

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Detailed description: The left side of the image contains a technical diagram of a copper pipe. The diagram is a 3D perspective view of a pipe section. It is labeled with 'Outside diameter - .625"', 'Type K (printed in green)', and 'wall thickness .049"'. Below the diagram, there is a note: 'for underground service (as well as plumbing, heating and gas lines) - available in soft or hard temper'. The right side of the image is a photograph of a real copper pipe lying on a wooden surface next to a metal ruler. The ruler shows the pipe's diameter is approximately 0.625 inches. The company logo is in the bottom left corner.

Nominal Size inches	ID	OD	Wall Thickness	(based on nominal dimensions) Calculated Values				
				Tube Weight Only, pounds/linear ft	Area of Bore, sq inches	Tube & Water Cross Weight, pounds/linear ft	Tube Contents per linear ft	
							Gal	Cu ft
3/8	.402	.500	.049	.269	.127	.324	.00660	.00088
1/4	.305	.375	.035	.145	.073	.177	.00379	.00051
5/8	.652	.750	.049	.418	.334	.562	.0174	.00232
1/2	.527	.625	.049	.344	.218	.438	.0113	.00151
3/4	.745	.875	.065	.641	.436	.829	.0227	.00303
1 1/4	1.245	1.375	.065	1.04	1.22	1.57	.0634	.00847
1	.995	1.125	.065	.839	.778	1.18	.0404	.00540
12	11.315	12.125	.405	57.8	100.55	101	5.25	.701
1 1/2	1.481	1.625	.072	1.36	1.72	2.10	.0894	.0119
2 1/2	2.435	2.625	.095	2.93	4.66	4.94	.242	.0324
2	1.959	2.125	.083	2.06	3.01	3.36	.156	.0209
3	2.907	3.125	.109	4.00	6.64	6.87	.345	.0461

4	3.857	4.125	.134	6.51	11.7	11.6	.608	.0813
3 1/2	3.385	3.625	.120	5.12	9.00	9.01	.468	.0625
5	4.805	5.125	.160	9.67	18.1	17.5	.940	.126
8	7.583	8.125	.271	25.9	45.2	45.4	2.35	.314
6	5.741	6.125	.192	13.9	25.9	25.1	1.35	.180
10	9.449	10.125	.338	40.3	70.1	70.6	3.64	.487

Copper Tube Type L Dimensions



Nominal or Standard Size, inches	Nominal Dimensions, inches		(based on nominal dimensions) Calculated Values					
	ID	OD	Wall Thickness	Tube Weight Only, pounds/linear ft	Bore Cross Sectional Area, sq inches	Tube & Water Weight, pounds/per linear ft	Tube Contents per linear ft	
							Gal	Cu ft

3/8	.430	.500	.035	.198	.145	.261	.00753	.00101
1/2	.545	.625	.040	.285	.233	.386	.0121	.00162
1/4	.315	.375	.030	.126	.078	.160	.00405	.00054
3/4	.785	.875	.045	.455	.484	.664	.0251	.00336
5/8	.666	.750	.042	.362	.348	.506	.0174	.00232
1	1.025	1.125	.050	.655	.825	1.01	.0429	.00573
1 1/2	1.505	1.625	.060	1.14	1.78	1.91	.0925	.0124
1 1/4	1.265	1.375	.055	.884	1.26	1.43	.0655	.00875
2	1.985	2.125	.070	1.75	3.09	3.09	.161	.0215
12	11.565	12.125	.280	40.4	105	85.8	5.45	.729
3	2.945	3.125	.090	3.33	6.81	6.27	.354	.0473
2 1/2	2.465	2.625	.080	2.48	4.77	4.54	.248	.0331
4	3.905	4.125	.110	5.38	12.0	10.1	.571	.0764
3 1/2	3.425	3.625	.100	4.29	9.21	8.27	.478	.0640
5	4.875	5.125	.125	7.61	18.7	15.7	.971	.130
8	7.725	8.125	.200	19.3	46.9	39.6	2.44	.326
6	5.845	6.125	.140	10.2	26.8	21.8	1.39	.186
10	9.625	10.125	.250	30.1	72.8	61.6	3.78	.506

Copper Tube Type M Dimensions



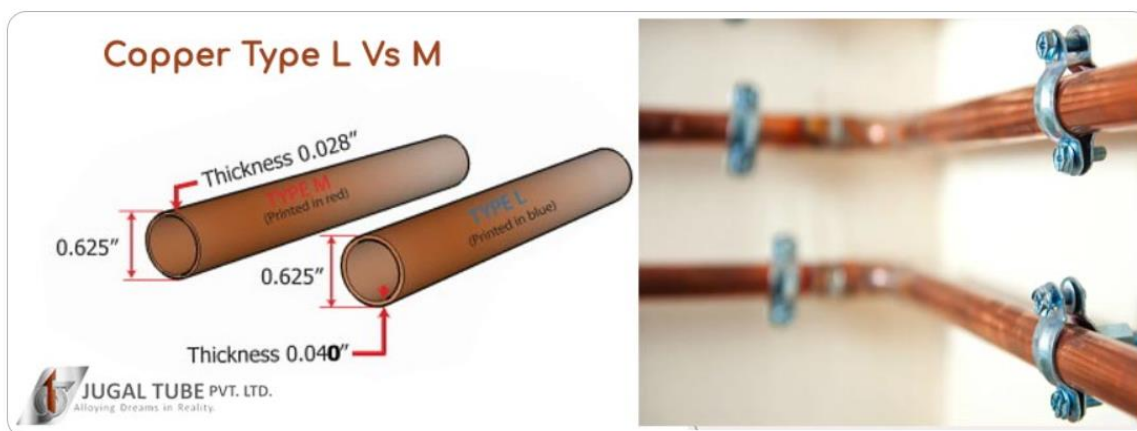
Nominal Dimensions, inches			(based on nominal size) Calculated Values					
Nominal inches	ID	OD	Wall Thickness	Bore Cross Sectional Area, sq inches	Tube Weight Only, pounds per linear ft	Tube Contents per linear ft		
						Tube & Water Weight pounds per linear ft	Gal	Cu ft
1/2	.569	.625	.028	.254	.204	.314	.0132	.00176
3/8	.450	.500	.025	.159	.145	.214	.00826	.00110
3/4	.811	.875	.032	.517	.328	.551	.0269	.00359
1 1/4	1.291	1.375	.042	1.31	.682	1.25	.0681	.00910
1	1.055	1.125	.035	.874	.465	.843	.0454	.00607
1 1/2	1.527	1.625	.049	1.83	.940	1.73	.0951	.0127
2 1/2	2.495	2.625	.065	4.89	2.03	4.14	.254	.0340
2	2.009	2.125	.058	3.17	1.46	2.83	.165	.0220
3	2.981	3.125	.072	6.98	2.68	5.70	.363	.0485
4	3.935	4.125	.095	12.2	4.66	9.83	.634	.0847
12	11.617	12.125	.254	106	36.7	82.5	5.51	.736
3 1/2	3.459	3.625	.083	9.40	3.58	7.64	.488	.0653

5	4.907	5.125	.109	18.9	6.66	14.8	.982	.131
8	7.785	8.125	.170	47.6	16.5	37.1	2.47	.331
6	5.881	6.125	.122	27.2	8.92	20.7	1.41	.189
10	9.701	10.125	.212	73.9	25.6	57.5	3.84	.513

Copper DWV Pipe Dimensions

Nominal inches	Nominal Size, inches		(based on nominal size) Calculated Values					
	ID	OD	Wall Thicknes s	Tube Weight oOnly, pounds/linea r ft	Bore Cross Sectiona l Area, sq inches	Tube & Water Weight , pounds/linea r ft	Tube Contents per linear ft	
							Gal	Cu ft
1 1/2	1.54 1	1.62 5	.042	.809	1.87	1.62	.097 1	.0130
6	5.95 9	6.12 5	.083	6.10	27.9	18.2	1.45	.194
1 1/4	1.29 5	1.37 5	.040	.650	1.32	1.22	.068 6	.0091 7
2	2.04 1	2.12 5	.042	1.07	3.27	2.48	.170	.0227
4	4.00 9	4.12 5	.058	2.87	11.6	7.88	.603	.0806
3	3.03 0	3.12 5	.045	1.69	7.21	4.81	.375	.0501
5	4.98 1	5.12 5	.072	4.43	19.5	12.9	1.01	.135
8	7.90 7	8.12 5	.109	10.6	49.1	31.8	2.55	.341

Copper Type L Vs M



Feature	Copper Type L	Copper Type M
Wall Thickness	Thicker Walls (for 1/2" Tubing Approximately 0.045 Inches)	Thinner Walls (for 1/2" Tubing Approximately 0.032 Inches)
Cost	More Expensive	Less Expensive
Common Uses	For General Plumbing Applications	Where Pressures Are Moderate Means for Residential Plumbing
Typical Sizes	Available in a Wide Range of Sizes	Available in a Limited Range of Sizes
Pressure Rating	Higher Pressure Rating	Lower Pressure Rating
Durability	More Durable	Slightly Less Durable
Strength	Stronger Due to Thicker Walls	Less Strong Due to Thinner Walls
Ease of Installation	To Bend and Work With Slightly Harder	To Bend and Work With Easier

Type L Copper Vs Type K



Feature	Copper Type L	Copper Type K
Common Uses	General Plumbing Applications	High Pressure Applications, Underground Water Services
Wall Thickness	Thicker Walls (for 1/2" Tubing Approximately 0.045 Inches)	Thicker Walls (for 1/2" Tubing Approximately 0.049 Inches)
Strength	Stronger Due to Thicker Walls	Strongest Due to Thickest Walls
Durability	Very Durable	Extremely Durable
Flexibility	Flexible Than Type K	Less Flexible Due to Thicker Walls
Typical Sizes	Wide Range of Sizes Available	Limited Range of Sizes Available
Applications	- HVAC systems	- Industrial Plumbing
	- Residential Plumbing	- Underground Water Lines
	- Portable Water Systems	- High-pressure Systems



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