

Copper Tube: Types, Standards, Applications, Tempers, Lengths

Tube type	Color code	Standard	Application ¹	Commercially available lengths ²		
				Nominal or standard sizes	Drawn	Annealed
Type K	Green	ASTM B 88 ³	<ul style="list-style-type: none"> - Domestic water service and distribution - Fire protection <ul style="list-style-type: none"> - Solar - Fuel/fuel oil - HVAC - Snow melting - Compressed air - Natural gas - Liquified petroleum (LP) gas - Vacuum 	Straight lengths:		
				1/4 inch to 8 inch	20 ft.	20 ft.
				10 inch	18 ft.	18 ft.
				12 inch	12 ft.	12 ft.
				Coils:		
				1/4 inch to 1 inch	-	60 ft.
					-	100 ft.
				1-1/4 inch and 1-1/2 inch	-	60 ft.
				2 inch	-	40 ft.
					-	45 ft.
Type L	Blue	ASTM B 88	<ul style="list-style-type: none"> - Domestic water service and distribution - Fire protection <ul style="list-style-type: none"> - Solar - Fuel/fuel oil - Natural gas - Liquified petroleum (LP) gas - HVAC - Snow melting - Compressed air 	Straight lengths:		
				1/4 inch to 10 inch	20 ft.	20 ft.
				12 inch	18 ft.	18 ft.
				Coils:		

Tube type	Color code	Standard	Application ¹ - Vacuum	Commercially available lengths ²		
				Nominal or standard sizes	Drawn	Annealed
				1/4 to 1 inch	-	60 ft.
					-	100 ft.
				1-1/4 inch to 1-1/2 inch	-	60 ft.
				2 inch	-	40 ft.
					-	45 ft.
Type M	Red	ASTM B 88	- Domestic water service and distribution - Fire protection - Solar - Fuel/fuel oil - HVAC - Snow melting - Vacuum	Straight lengths:		
				1/4 inch to 12 inch	20 ft.	N/A
DWV	Yellow	ASTM B 306	- Drain, waste, vent - HVAC - Solar	Straight lengths:		
				1-1/4 inch to 8 inch	20 ft.	N/A
ACR	Blue	ASTM B 280	- Air conditioning - Refrigeration - Natural gas - Liquefied petroleum (LP) gas - Compressed air	Straight lengths:		
				3/8 inch to 4-1/8 inch	20 ft.	⁴
				Coils:		
				1/8 inch to 1-5/8 inch	-	50 ft.
OXY,	(K)	ASTM B	- Medical gas	Straight lengths:		

Tube type	Color code	Standard	Application ¹	Commercially available lengths ²		
				Nominal or standard sizes	Drawn	Annealed
				1/4 inch to 8 inch	20 ft.	N/A
MED OXY/MED OXY/ACR ACR/MED	Green (L) Blue	819	- Compressed medical air - Vacuum			