



Copper and copper alloys tubes



UMMC-NFMP

leader of the
russian
copper and
copper alloys
tube market



70%
copper-nickel
tube market

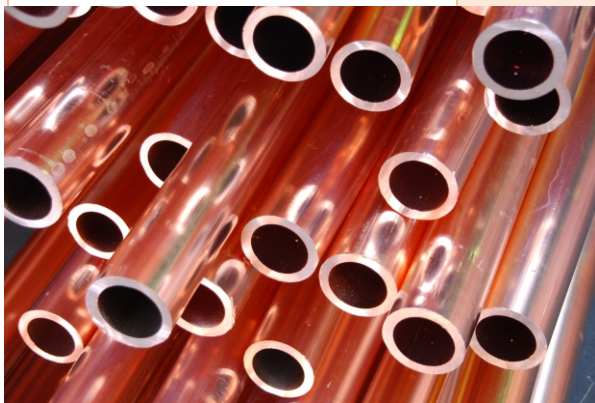
87%
bronze
tube market

65%
brass
tube market

38%
copper
tube market

COPPER TUBES

Product name	Standard	Alloy	Outside diameter, mm	Wall thickness, mm	Length, m
Tubes of general purpose	EN 12449 GOST617	Cu-DHP Cu-ETP SF-Cu	3,0-350,0	0,8-100,0	Straight length 1,0-6,0; coils
Tubes for water supply	EN 127351	Cu-DHP	9,52-108,0	0,7-2,50	Straight length 3,0-6,0
Tubes of square, rectangular shaped sections	GOST16774	Cu-DHP Cu-ETP SF-Cu	6,0-115,0	0,8-10,0	Straight length 1,0-7,0; coils
Copper tubes for the equipment of domestic and industrial air conditioners, refrigerators and freezers	ASTM B280 TC	Cu-DHP SF-Cu C12200	1,85-20,1	0,35-1,5	Straight length 2,9-6,0; coils
Capillary tubes	GOST2624	Cu-DHP	1,2-2,5	0,35-0,90	Straight length 2,9-6,0; coils
Thin-walled tubes	GOST 11383 GOST B 17646	Cu-ETP Cu-DHP SF-Cu	1,5-28,0	0,15-0,70	Straight length 1,0-3,0; coils
Copper tubes for heat exchangers	EN 12451 ASTM B 111 GOST21646	Cu-DHP C12200	6,0-50,0	0,8-3,0	Straight length up to 12,0



BRASS TUBES

Product name	Standard	Alloy	Outside diameter, mm	Wall thickness, mm	Length, m
Tubes of general purpose	EN 12499 GOST 494-90	CuZn20 CuZn37	3,0-150,0	0,50-42,5	Straight length 1,0-6,0; coils
Thin-walled tubes	GOST 11383	CuZn37	1,5-28,0	0,15-0,70	Straight length 1,0-3,0; coils
Waveguide tubes	GOST 20900	CuZn37	5,2-19,0×2,6-9,5 7,2-28,5×3,4-12,6	0,5-2,5	Straight length 0,4-3,0
Tubes for heat exchangers	EN 12451 ASTM B 111 GOST 21646 GOST P 51573	CuZn20Al2As CuZn28Sn1As C44300 C68700	6,0-50,0	0,8-3,0	Straight length 1,0-12,0
Manometric tubes of oval, flat-oval and round sections	GOS 2622-2016 TC	CuZn37	8,0-22,0 8,0-19,8×3,0-7,5 7,5-20,0×5,0-6,0 5,0-32,0	0,2-1,6 0,15-1,2 0,15-1,2 0,15-1,8	Straight length 1,0-3,5



COPPER-NICKEL TUBES

Product name	Standard	Alloy	Outside diameter, mm	Wall thickness, mm	Length, m
Copper-nickel tubes for shipbuilding and marine industry	GOS 17217 TC	CuNi5Fe1 C70600, C70620 (CuNi 90/10)	6,0-210,0	0,8-5,0	Straight length 2,0-12,0
Tubes for heat exchangers	EN 12451 EN 12449 ASTM B111 ASTM B466 GOST 100922006 GOST V 1764678	C71500, C71520, C71640 (CuNi 70/30)	6,0-45,0	0,8-3,0	Straight length 2,0-12,0
Tubes for steam turbine construction	TC EN, ASTM	C70600, C70620 (CuNi 90/10)	6,0-45,0 45,1-75,0	0,8-3,0 1,5-15,0	Straight length 2,0-12,0 2,0-7,0



BRONZE AND NICKEL TUBES

Product name	Standard	Alloy	Outside diameter, mm	Wall thickness, mm	Length, m
Extruded tubes	GOST 1208	CuAl10Fe3Mn2 CuAl10Ni5Fe4	42,0-400,0	5,0-50,0	Straight length 0,7-6,0
Oval, flat oval and round manometric tubes	GOST 2622	CuSn4	8,0-22,0	0,2-1,6	Straight length 1,0-3,5
			8,0-19,8x 3,0-7,5	0,15-1,2	
			7,5-20,0x5,0-6,0	0,15-1,2	
Nickel and nickel alloy thin-walled tubes	GOST 13548	Nickel alloy	0,35-5,40	0,05-0,20	not less than 500 mm of unmeasured length
Nickel tubes	TC	Nickel alloy	3,6-13,0	0,15-0,30	Straight length 1,0-3,5
Copper-nickel alloy tubes	TC	Copper-nickel alloy	0,45-2,00	0,03-0,20	not less than 1300 mm, coils





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