

- WATER SUPPLY
- HEATING
- NATURAL GAS
- COOLING

TALOS® Tubes Advantages

- TALOS® copper tubes are easy to install with cost-effectiveness and provide safe and secure operation.
- TALOS® copper tubes are resistant to high operating pressures and temperatures.
- TALOS® copper tubes are completely air- and water-tight and retain their physical and mechanical properties unchanged over time.
- They are stable and self-supporting.
- TALOS® copper tubes are covered by a 30-year manufacturer's warranty.

TALOS® Half Hard Copper Tubes Special Advantages

- Ease cold bending
- Reduction of necessary fittings
- Easier construction of networks
- Faster installation and higher workmanship
- Overall lower installation costs

Material

Copper phosphorus deoxidised (DHP-Cu) with min. copper content 99,90% and P=0,015% - 0,040%.

Specifications

EN 1057

Quality Marks

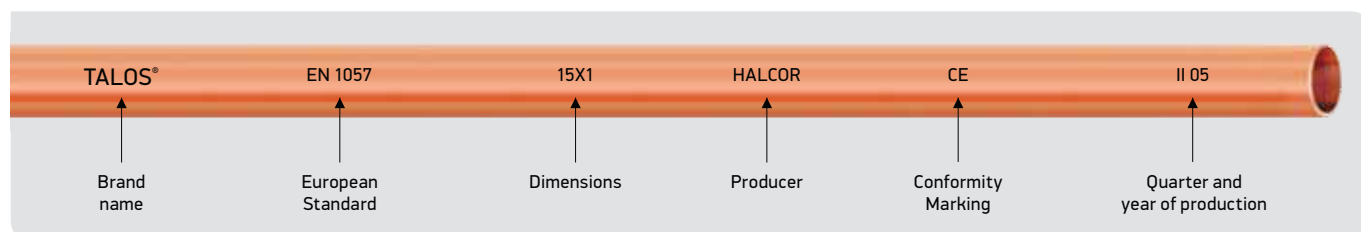
BSI, AFNOR, NSAI, AENOR, RAL / DVGW, KIWA / GASTEC-QA, SITAC, STF VTT, GOST, VIK.

Mechanical Properties

Temper	EN 1057 Classification	Minimum Tensile strength N/mm ²	Minimum elongation A%
Soft	R-220	220	40
Half hard	R-250	250	20 or 30*
Hard	R-290	290	3

* depending on the dimension

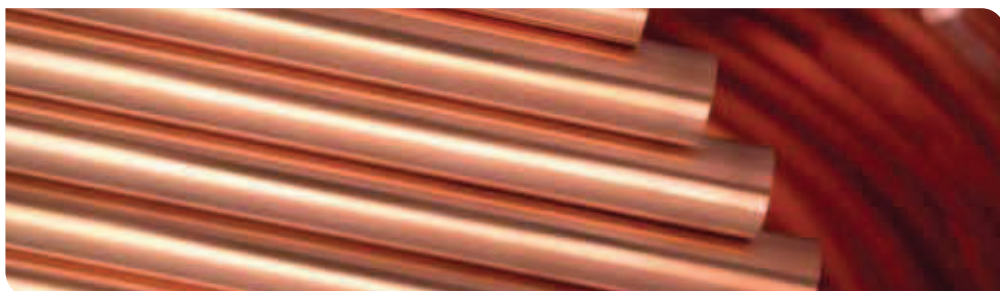
Minimum Marking



Standard Dimensions

STRAIGHT HARD

Diameter x thickness d x s (mm)	Internal diameter (mm)	Nominal copper weight (kg/m)	External surface area (m ² /m)	Filling volume (l/m)	Packing		Maximum allowed operating pressure bar
					Straight lengths	Pieces per bundle	
10 x 0,80	8,4	0,206	0,031	0,055	5m	500	101
10 x 1,00	8,0	0,252	0,031	0,050	5m	400	129
12 x 0,80	10,4	0,251	0,038	0,085	5m	400	83
12 x 1,00	10,0	0,308	0,038	0,079	5m	300	105
14 x 0,80	12,4	0,295	0,044	0,121	5m	300	70
14 x 1,00	12,0	0,363	0,044	0,113	5m	300	89
15 x 0,80	13,4	0,318	0,047	0,141	5m	300	65
15 x 1,00	13,0	0,391	0,047	0,133	3m & 5m	260	83
16 x 1,00	14,0	0,419	0,050	0,154	5m	240	77
18 x 0,80	16,4	0,385	0,057	0,211	3m	450	54
18 x 1,00	16,0	0,475	0,057	0,201	5m	200	68
22 x 0,90	20,2	0,531	0,069	0,320	5m	200	49
22 x 1,00	20,0	0,587	0,069	0,314	5m	150	55
28 x 0,90	26,2	0,682	0,088	0,539	3m	200	39
28 x 1,00	26,0	0,755	0,088	0,531	4m	200	43
28 x 1,50	25,0	1,111	0,088	0,491	4m	60	66
35 x 1,00	33,0	0,950	0,110	0,855	3m	100	34
35 x 1,50	32,0	1,405	0,110	0,804	4m	50	52
35 x 2,00	31,0	1,844	0,110	0,755	4m	50	70
42 x 1,00	40,0	1,146	0,132	1,257	3m	90	28
42 x 1,20	39,6	1,368	0,132	1,232	3m & 4m	90	34
42 x 1,50	39,0	1,700	0,132	1,195	4m	40	43
54 x 1,00	52,0	1,484	0,170	2,124	3m	60	22
54 x 1,20	51,6	1,771	0,170	2,091	3m & 4m	60	26
54 x 1,50	51,0	2,202	0,170	2,043	4m	60	33
54 x 2,00	50,0	2,908	0,170	1,963	4m	30	45
64 x 2,00	60,0	3,467	0,201	2,827	3m	25	37
66,7 x 1,20	64,3	2,198	0,210	3,247	5,8m	25	21
66,7 x 2,00	62,7	3,618	0,210	3,088	3m	25	36
76,1 x 1,50	73,1	3,129	0,239	4,197	5m	20	23
76,1 x 2,00	72,1	4,144	0,239	4,083	3m	20	31
88,9 x 2,00	84,9	4,859	0,279	5,661	4m	15	27
108 x 2,00	104,0	5,928	0,339	8,495	5m	10	22
108 x 2,50	103,0	7,375	0,339	8,332	4m	10	27



Standard Dimensions**SOFT COILS**

Diameter x thickness d x s (mm)	Internal diameter (mm)	Nominal copper weight (kg/m)	External surface area (m ² /m)	Filling volume (l/m)	Packing		Maximum allowed operating pressure bar
					Straight lengths	Pieces per bundle	
6 x 1,00	4,0	0,140	0,019	0,013	50	40	232
8 x 0,60	6,8	0,124	0,025	0,036	50	28	94
8 x 1,0	6,0	0,196	0,025	0,028	50	28	166
10 x 0,70	8,6	0,182	0,031	0,058	50	24	87
10 x 1,00	8,0	0,252	0,031	0,050	50	24	129
12 x 1,00	10,0	0,308	0,038	0,079	50	20	105
14 x 1,00	12,0	0,363	0,044	0,113	50	14	89
15 x 1,00	13,0	0,391	0,047	0,133	50	30	83
15 x 1,50	12,0	0,566	0,047	0,113	50	14	129
16 x 1,00	14,0	0,419	0,050	0,154	50	12	77
18 x 1,00	16,0	0,475	0,057	0,201	25	40	68
22 x 1,00	20,0	0,587	0,069	0,314	25	30	55
22 x 1,50	19,0	0,860	0,069	0,284	25	31	85
28 x 1,50	25,0	1,111	0,088	0,491	25	12	66

Non-standard dimensions are manufactured upon request.

