

FRIGOTEC[®]
**COPPER TUBES FOR
REFRIGERATION AND
AIR CONDITIONING**



COPPER TUBES FOR REFRIGERATION AND AIR CONDITIONING

FRIGOTEC[®]-Copper tubes in coils for refrigeration and air conditioning

FRIGOTEC[®], the seamless drawn bma-refrigeration tube is used mainly for transport of technical gases in refrigeration equipments, refrigeration and air conditioning units as well as heat exchangers. An outstanding property of this tube is its clean and dry inner surface.



The tube ends are closed right after production, in order to avoid contamination during storage and transport.

FRIGOTEC[®]-tubes meet the requirements for refrigeration/air conditioning tubes according to EN 12 735-1 (which replaces DIN 8905) and according to ASTM B 280.

Material:	Cu-DHP
Temper:	R220 soft
Ends:	closed
Packing:	in cardboard boxes
Tolerances:	EN 12 735-1
Delivery conditions:	EN 12 735-1 (which replaces DIN 8905) and according to ASTM B280



Marking:	metric	FRIGOTEC [®] BMA 6 x 1 EN 12735-1 Year-Quarter
	inch	FRIGOTEC [®] BMA 1/4" x 0,03" x 50' 6,35 x 0,76 mm x 15,25 m EN 12735-1 Year-Quarter



FRIGOTEC®-Copper tubes in coils

for refrigeration and air conditioning

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FRIGOTEC®-tubes meet the requirements for refrigeration/air conditioning tubes according to EN 12 735-1 (which replaces DIN 8905) and according to ASTM B 280.

FRIGOTEC®-Copper tubes in straight lengths

Material: Cu-DHP

Temper: R290 hard

Ends: closed

Packing: bundled

Tolerances: EN 12 735-1

Delivery conditions: EN 12 735-1
(which replaces DIN 8905) and according to ASTM B 280

Marking: metric

inch

FRIGOTEC® BMA 6 x 1 EN 12735-1 Year-Quarter

FRIGOTEC® BMA 1/2" x 0,03" x 16,4' 12,70 x 0,76 mm EN 12735-1 Year-Quarter



The Quality Management System (QMS) of bma established, according to DIN EN ISO 9001, was verified and certified by the independent OQS. The Purpose of this system is to meet and to assure the requirements for bma products.

COPPER TUBES FOR REFRIGERATION AND AIR CONDITIONING

Lengths in metric dimensions, available from stock, other sizes and lengths on request

Delivery Package: bundles or wooden cases

Metric OD	WT	working pressure in bar 4-fold safety	Length Meter	kg / m	Tubes / small bundles	ca. kg / small bundles	Meter / bundles approx.	Delivery package in kg
10	1	111	5	0,251	10	13	1000	250
12	1	91	5	0,307	10	15	1000	307
15	1	71	5	0,391	10	20	1000	391
16	1	67	5	0,419	10	21	1000	419
18	1	59	5	0,475	10	24	1000	457
22	1	48	5	0,587	10	29	750	440
28	1	37	5	0,754	5	19	500	377
28	1,5	57	5	1,111	5	28	500	556
35	1,5	45	5	1,404	1		250	351
42	1,5	37	5	1,698	1		250	425
54	2	38	5	2,907	1		100	291
64	2	32	5	3,466	1		50	173
76,1	2	27	5	4,143	1		50	207
88,9	2	23	5	4,859	1		50	243
108	2,5	24	5	7,374	1		50	369

Metric OD	WT	working pressure in bar 4-fold safety	Length Meter	kg / m	kg / piece	Tubes / small bundles	loose in wooden cases / meter / box approx.	Delivery package in kg approx.
6	1	200	5	0,139	0,695	1	1300	180
8	1	143	5	0,195	0,975	1	1100	215

Coils in metric dimensions, available from stock, other sizes and lengths on request

Delivery package: pallet

Metric	working pressure in bar	Coil length in meters	kg / m	Cardboard box size in mm	kg / pallet approx.	Meter / pallet	Coils / pallet	Coils / card board box	Cardboard box / pallet	Dimension pallets in mm
OD	WT	4-fold safety								length width
6	1	200	0,139	500/500/45	139	1.000	20	1	20	106 56
8	1	143	0,195	500/500/45	195	1.000	20	1	20	106 56
10	1	111	0,251	500/500/45	251	1.000	20	1	20	106 56
12	1	91	0,307	650/650/55	307	1.000	20	1	20	67 67
15	1	71	0,391	650/650/55	391	1.000	20	1	20	67 67
16	1	67	0,419	650/650/55	419	1.000	20	1	20	67 67
18	1	59	0,475	750/750/45	238	500	20	1	20	77 77
22	1	48	0,587	750/750/45	294	500	20	1	20	77 77

COPPER TUBES FOR REFRIGERATION AND AIR CONDITIONING

Coils in inch dimensions, available ex stock, other sizes and lengths on request

Delivery Package: pallet

inch	Metric	working pressure in bar	4-fold safety	Coil length in meters	kg / m	Cardboard box in mm	Coils / cardboard box	1 pallet	kg	Dimension pallets in mm
OD	WT						Coils	m		length width
1/4	6,35	0,76	136	15,25	0,119	390x390x13	1	280	508	80 80
1/4	6,35	0,76	136	30,50	0,119	390x390x26	1	140	508	80 80
3/8	9,53	0,81	93	15,25	0,198	390x390x20	1	160	483	80 80
3/8	9,53	0,81	93	30,50	0,198	570x570x32	1	80	483	116 58
1/2	12,70	0,81	68	15,25	0,270	570x570x13	1	120	494	116 58
1/2	12,70	0,81	68	30,50	0,270	570x570x26	1	60	494	116 58
5/8	15,88	0,81	54	15,25	0,342	570x570x32	1	80	417	116 58
5/8	15,88	0,81	54	30,50	0,342	750x750x45	1	25	261	77 77
3/4	19,05	0,89	49	15,25	0,452	750x750x45	2	50	345	77 77
3/4	19,05	0,89	49	30,50	0,452	750x750x45	1	25	345	77 77
7/8	22,22	0,89	42	15,25	0,532	750x750x45	1	25	203	77 77

Lengths in inch dimensions, available from stock, other sizes and lengths on request

Delivery package: bundles

inch	Metric		working pressure in bar 4-fold safety	Length Meter	kg / m	Tubes / bundles	kg / small bundles approx.	Meter / bundles	Delivery package in kg
	OD	WT							
3/8	9,53	0,76	87	5	0,187	20	19	2000	374
1/2	12,70	0,76	64	5	0,254	20	25	2000	508
5/8	15,88	0,76	50	5	0,322	10	16	1000	322
3/4	19,05	0,81	44	5	0,414	10	21	1000	414
7/8	22,23	0,81	38	5	0,486	10	24	1000	486
1	25,40	0,89	36	5	0,611	5	15	500	306
1 1/8	28,58	0,89	32	5	0,690	5	17	500	345
1 3/8	34,93	1,07	32	5	1,014	5	25	500	507
1 5/8	41,27	1,27	32	5	1,422	5	25	250	356
2 1/8	53,97	1,50	29	5	2,203	5	25	200	300
2 5/8	66,68	1,65	25	5	3,003	5	25	100	300
3 1/8	79,38	1,65	21	5	3,589	5	25	100	359
3 5/8	92,08	2,54	28	5	6,363	5	25	50	318
4 1/8	104,77	2,79	27	5	7,960	5	25	25	199



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