



# Copper Tube



TO AMERICAN  
STANDARD  
**ASTM B88**

## USAGE

- Drinking Water
- Hot/Cold
- Sanitation
- Central Heating
- Gas
- General Engineering

[www.kembla.com.au](http://www.kembla.com.au)



# Copper Tube

MM Kembla has been providing our customers with the highest quality and most reliable products and services for over 100 years. Established in 1916, MM Kembla is Australia's only copper tube manufacturer. Still operating from its original site at Port Kembla, NSW Australia, MM Kembla remains the most highly regarded supplier of copper products including tube, fittings and accessories. Extensive technical knowledge combined with stringent in-house quality controls and testing with an ISO 9001 certified quality management system, MM Kembla has developed a renowned reputation for quality, reliability and service.



## COPPER TUBE

KEMBLA® copper tube is manufactured to a variety of international standards, including Australian, British/ European, American and New Zealand, and is suitable for different applications such as plumbing, gas, air conditioning, refrigeration, medical gas, and general engineering applications.

The Kembla ASTM B88 product range is suitable for general plumbing purposes, both hot and cold, sanitation, and general engineering applications. It is produced in hard drawn temper and is supplied in diameters from 1/4" to 10" nominal size, and in a variety of wall thicknesses to meet Type K, L & M wall thicknesses. Standard lengths of 5.8m are manufactured to facilitate ease of containerisation.

MM Kembla holds stock in Port Kembla, Australia, of ASTM B88 products and has a range of distributors around the world that hold stock for immediate delivery.

All tubes are third party certified and Test Certificates are supplied with all deliveries for each product upon request, and are warranted with a 25 Year Guarantee.

All KEMBLA® tubes are lead-free and meet the stringent testing requirements of AS 4020: Materials in Contact with Drinking Water, of which a Certificate of Conformity is shown on our website.



## PLASTIC COATED COPPER TUBE

MM Kembla has developed Kemlag Plus® and Keline Plus® pre-insulated polyethylene covered copper tubes for a variety of applications including burying in corrosive soils, laying under floors and concrete slabs (where approved), chasing into walls, exposed or aggressive environments and for reducing noise transmission. The white covering is all Low Smoke Halogen Free (LSHF) and is suitable for continuous operating temperatures up to 90°C.

**KEMLAG PLUS®** insulation is internally grooved to entrap air and provide a thermal barrier. It is suitable for both hot and cold water plumbing and is useful in preventing condensation.

**KELINE PLUS®** is suitable for cold water applications and may be concealed or exposed to aggressive environments. This product is useful in preventing condensation and is also suitable for gas line installations.



## KEMBLA® COPPER FITTINGS TO STANDARD ASME B16.22

KEMBLA® fittings are marketed under the famous KEMBLA® and K Tick brand marks. The ASME B16.22 range of fittings is available to suit all KEMBLA® ASTM B88 tubes and are stocked in various Kembla warehouse locations throughout Australia, New Zealand and South East Asia.

Each fitting is permanently marked with the KEMBLA® or K Tick brand mark and are individually cleaned, bagged and labeled to fully comply with the cleanliness requirements of plumbing, air conditioning and refrigeration applications. Refer to the KEMBLA 'Refrigeration Fittings Range' brochure on our web site.

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## COPPER TUBE TO AMERICAN STANDARD ASTM B88 - TYPE K

PRODUCT CODE	NOMINAL SIZE (inch)	ACTUAL (inch)		ACTUAL (mm)		WEIGHT (kg/5.8m)	SAFE WORKING PRESSURE* (kPa)	LENGTHS/ BUNDLE
		O.D.	W.T.	O.D.	W.T.			
T17908	1/4"	3/8"	0.035	9.52	0.89	1.25	7,390	100
T17823	3/8"	1/2"	0.049	12.70	1.24	2.32	7,760	100
T17827	1/2"	5/8"	0.049	15.88	1.24	2.96	6,120	100
T55780	5/8"	3/4"	0.049	19.05	1.24	3.60	5,050	100
T17700	3/4"	7/8"	0.065	22.22	1.65	5.53	5,850	100
T17331	1"	1-1/8"	0.065	28.58	1.65	7.24	4,490	50
T70166	1-1/4"	1-3/8"	0.065	34.92	1.65	8.95	3,640	50
T17487	1-1/2"	1-5/8"	0.072	41.28	1.83	11.77	3,390	30
T61380	2"	2-1/8"	0.083	53.98	2.11	17.84	2,980	30
T76334	2-1/2"	2-5/8"	0.095	66.68	2.41	25.24	2,730	25
T80332	3"	3-1/8"	0.109	79.38	2.77	34.59	2,640	20
T53709	4"	4-1/8"	0.134	104.78	3.40	56.18	2,460	10
T26396	5"	5-1/8"	0.160	130.18	4.06	83.45	2,360	5
T61050	6"	6-1/8"	0.192	155.58	4.88	119.86	2,370	5
T20440	8"	8-1/8"	0.271	206.38	6.88	223.70	2,520	1

## COPPER TUBE TO AMERICAN STANDARD ASTM B88 - TYPE L

T86976	1/4"	3/8"	0.030	9.52	0.76	1.09	6,250	100
T86985	3/8"	1/2"	0.035	12.70	0.89	1.71	5,360	100
T75345	1/2"	5/8"	0.040	15.88	1.02	2.47	4,970	100
T24459	5/8"	3/4"	0.042	19.05	1.07	3.14	4,350	100
T62963	3/4"	7/8"	0.045	22.22	1.14	3.92	3,980	100
T62980	1"	1-1/8"	0.050	28.58	1.27	5.65	3,390	50
T76017	1-1/4"	1-3/8"	0.055	34.92	1.40	7.65	3,020	50
T25501	1-1/2"	1-5/8"	0.060	41.28	1.52	9.85	2,790	30
T25705	2"	2-1/8"	0.070	53.98	1.78	15.14	2,490	30
T24945	2-1/2"	2-5/8"	0.080	66.68	2.03	21.39	2,300	25
T17949	3"	3-1/8"	0.090	79.38	2.29	28.77	2,170	20
T31314	4"	4-1/8"	0.110	104.78	2.79	46.38	2,000	10
T23281	5"	5-1/8"	0.125	130.18	3.18	65.82	1,840	5
T23337	6"	6-1/8"	0.140	155.58	3.56	88.20	1,720	5
T20430	8"	8-1/8"	0.200	207.01	5.08	167.19	1,840	1
T20434	10"	10-1/8"	0.250	257.18	6.35	259.59	1,860	1

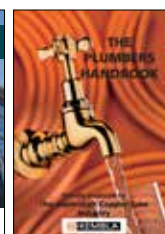
## COPPER TUBE TO AMERICAN STANDARD ASTM B88 - TYPE M

T84380	1/4"	3/8"	0.025	9.52	0.64	0.93	5,340	100
T12191	3/8"	1/2"	0.025	12.70	0.64	1.26	3,920	100
T75780	1/2"	5/8"	0.028	15.88	0.71	1.76	3,390	100
T23729	5/8"	3/4"	0.030	19.05	0.76	2.27	3,030	100
T72252	3/4"	7/8"	0.032	22.22	0.81	2.83	2,790	100
T23780	1"	1-1/8"	0.035	28.58	0.89	4.02	2,310	50
T61825	1-1/4"	1-3/8"	0.042	34.92	1.07	5.90	2,320	50
T26787	1-1/2"	1-5/8"	0.049	41.28	1.24	8.09	2,270	30
T73629	2"	2-1/8"	0.058	53.98	1.47	12.58	2,050	30
T76562	2-1/2"	2-5/8"	0.065	66.68	1.65	17.49	1,880	25
T83412	3"	3-1/8"	0.072	79.38	1.83	23.13	1,730	20
T24182	4"	4-1/8"	0.095	104.78	2.41	40.21	1,720	10
T15438	6"	6-1/8"	0.122	155.58	3.10	77.04	1,490	5

\* Safe Working Pressures are based on annealed temper for temperatures up to 50°C

### TECHNICAL SUPPORT

MM Kembla is renowned as one of the world's leading experts for technical support regarding copper tube and fittings. We invite hydraulic consultants, engineers, distributors and installation contractors to visit our website where we provide a comprehensive range of technical information.





## INTERNATIONAL CERTIFICATION

MM Kembla manufacturing processes and quality systems are built upon 100 years of experience in manufacturing copper tube. An intensive ISO9001 certified quality control system is applied to all MM Kembla products. MM Kembla also has a variety of third party accreditations to Australian, New Zealand, British/ European and American standards.



MM Kembla's Australian manufacturing facilities at Port Kembla.

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