



Copper Tube



TO EUROPEAN
STANDARD
BSEN 1057

USAGE

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

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 MM Kembla EN 1057 product range is suitable for drinking water purposes, both hot and cold, sanitation, central heating, gas and general engineering applications. The Kembla range is available in half hard and hard drawn tempers and is supplied in diameters from 15mm to 267mm diameter, and in a variety of wall thicknesses to meet the old Table X and Table Y requirements. Standard lengths of 5.8m are manufactured to facilitate ease of containerisation and stock of EN 1057 is held in Port Kembla, Australia.

MM Kembla has been supplying EN 1057 for over 50 years and is the market leader throughout South East Asia. MM Kembla also exports to distributors in many countries around the world for immediate delivery.

All tubes are fully certified by testing authorities in Australia, Hong Kong, Singapore, Malaysia, the Middle East and the United Kingdom and are guaranteed with a **25 Year Warranty**.

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 Kemline 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.

KEMLINE 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.

MM Kembla has developed a new Fire Retardant polyethylene jacket that is available in both Kemlag Plus® and Kemline Plus® that is often specified in fire-sensitive locations. These products are approved to BS 476 for Spread of Flames and BS 6853 for Toxic Emissions and are also useful in preventing condensation.



Copper Tube

KEMBLA® EN1057 COPPER TUBE (MARKED AS TABLE X)

PRODUCT CODE	OUTSIDE DIAMETER (mm)	WALL THICKNESS (mm)	SAFE WORKING PRESSURE* ANNEALED (kPa)	SAFE WORKING PRESSURE* AS SUPPLIED (kPa)	WEIGHT/LENGTH** (kg/5.8m)	LENGTHS/ MASTER BUNDLE	LAGGED SIZES KEMLINE	LAGGED SIZES KEMLAG
T20942	15#	0.7	4500	5870#	1.63	200	✓	✓
T14274	22#	0.9	3920	5120#	3.09	100	✓	✓
T14312	28#	0.9	3060	3990#	3.98	50	✓	✓
T14215	35	1.2	3270	5150	6.61	50	✓	✓
T63593	42	1.2	2710	4270	7.98	50	✓	✓
T21972	54	1.2	2090	3300	10.33	30	✓	✓
T82474	66.7	1.2	1690	2660	12.81	25	✓	
T62228	76.1	1.5	1850	2920	18.24	20	✓	
T17265	108	1.5	1300	2040	26.04	10	✓	
T84302	133	1.5	1050	1650	32.15	10		
T82432	159	2.0	1170	1850	51.18	5		
T20105	219	3.0	1280	2010	105.61	1		
T20415	267	3.0	1050	1650	129.08	1		

KEMBLA® EN1057 COPPER TUBE (MARKED AS TABLE Y)

PRODUCT CODE	OUTSIDE DIAMETER (mm)	WALL THICKNESS (mm)	SAFE WORKING PRESSURE* ANNEALED (kPa)	SAFE WORKING PRESSURE* AS SUPPLIED (kPa)	WEIGHT/LENGTH** (kg/5.8m)	LENGTHS MASTER BUNDLE	LAGGED SIZES KEMLINE	LAGGED SIZES KEMLAG
T14150	15#	1.0	6570	8570#	2.28	200	✓	✓
T76640	22#	1.2	5310	6920#	4.07	100	✓	✓
T91224	28#	1.2	4120	5370#	5.24	50	✓	✓
T19372	35	1.5	4120	6490	8.19	50	✓	✓
T19364	42	1.5	3410	5370	9.90	50	✓	✓
T54150##	54	1.5	2629	4143	12.83	25	✓	✓
T51861	54	2.0	3540	5580	16.95	25	✓	✓
T52931	66.7	2.0	2840	4480	21.09	25	✓	
T65641	76.1	2.0	2480	3910	24.15	20	✓	
T23043	108	2.5	2180	3440	42.99	10	✓	
T14567	133	2.0	1410	2210	42.70	10		
T14335	159	3.0	1770	2790	76.27	5		

* Based on annealed temper at 65°C. ** Based on nominal diameter and thickness. # Manufactured in half hard temper, all other sizes are hard drawn. ## Developed and suitable for use with 54mm EN1254 KemPress Fittings and marked as "EN1057 KEMPRESS"



KEMBLA® COPPER FITTINGS TO EUROPEAN STANDARD EN1254

MM Kembla is a leading supplier and stockist of a comprehensive range of copper fittings conforming to a variety of applications and International Standards. KEMBLA® fittings are marketed under the famous KEMBLA® and K Tick brand marks.

KEMPRESS® fittings and tools are manufactured to be suitable for use with EN 1057 copper tube from 15 to 108mm.

KEMBLA® capillary fittings are manufactured in accordance with EN 1254 and are suitable for use with EN 1057 copper tube from 15 to 267mm.

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.

Head office & factory:

MM Kembla
Gloucester Boulevard, PO Box 21,
Port Kembla, NSW 2505 Australia
Phone: +612 4223 5200
Fax: +612 4223 5235
sales@kembla.com.au