



times change **copper remains**

KEMBLA[®]

COPPER TUBE TO
NEW ZEALAND STANDARD
NZS 3501



KEMBLA® COPPER TUBE TO NEW ZEALAND STANDARD NZS3501

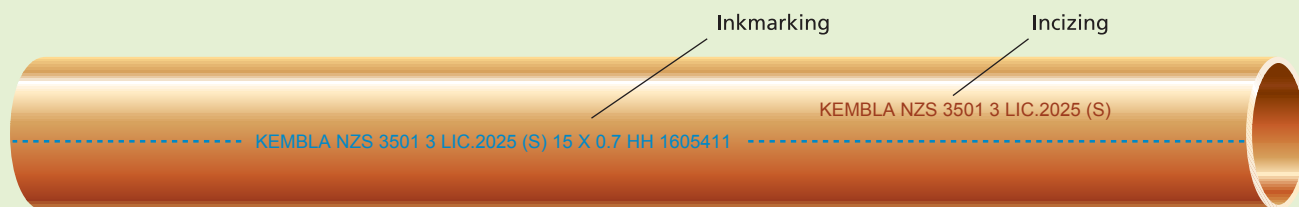
MM Kembla is a world-class producer and New Zealand's leading supplier of copper tube and manufactures under the famous **KEMBLA®** brand name. MM Kembla has a comprehensive range of copper tube and fitting products to comply with a variety of International Standards.

Included in the **KEMBLA®** range is New Zealand Standard NZS3501 copper tube, the specified copper plumbing tube standard used in New Zealand.

KEMBLA® copper tube is manufactured in Australia and fully conforms to NZS3501 specifications. It is supplied in diameters of DN15 to DN150 in 5m lengths, and DN15 and DN20 tube is also supplied in 15m annealed coils. All products are held in stock in our Auckland warehouse and stocked by many distributors throughout New Zealand.

NZS3501 TUBE IDENTIFICATION

All straight lengths and coiled tube will be marked according to, and exceeding, the NZS3501 Standard. example:



KEMBLA® COPPER FITTINGS TO SUIT NEW ZEALAND STANDARD NZS3501

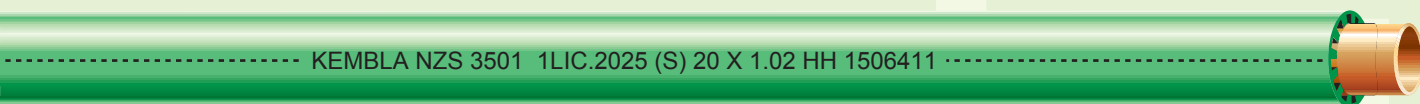
MM KEMBLA is a leading supplier of a comprehensive range of copper fittings to suit NZS3501 standard copper tube.

KEMBLA® copper fittings are specifically designed for use with NZS3501 standard copper tube.

KEMBLA® PRE-INSULATED COPPER TUBE - “KEMLAG”

MM Kembla has developed **KEMLAG®** pre-insulated copper tube for a range of plumbing applications. The product consists of copper tube with a green micro-cellular, grooved lagging material produced from either PVC or LDPE.

KEMLAG® is designed for a variety of end use applications e.g. domestic hot water lines, burying in corrosive soils, gas lines laying under floors and concrete slabs (where approved), chasing into walls and masonry and for pipework exposed to aggressive environments. It is also resistant to ultraviolet radiation and the product can be installed in situations where the pipes are in direct sunlight.



KEMBLA® NZS3501 COPPER TUBE FOR WATER AND GAS RETICULATION

Dimensions (mm)			Safe Working Pressure (MPa)†			Table	Temper	Kembla Product Code
Nominal	Wall Thickness	Actual OD	Annealed	Half Hard	Hard Drawn			
15 *LG	0.70	14.73	4.59	5.99		3	HH	KP2015070S
20 *LG	0.90	21.08	4.10	5.35		3	HH	KP2020090S
15	1.02	14.73	6.84	8.93		1	HH	KP2015102S
20	1.02	21.08	4.68	6.10		1	HH	KP2020102S
25	1.02	27.43	3.55	4.63		1	HH	KP2025102S
32	1.22	34.19	3.40		5.18	2	HD	KPH032122S
40	1.22	40.54	2.85		4.34	2	HD	KPH040122S
50	1.22	53.24	2.16		3.28	2	HD	KPH050122S
65	1.22	65.94	1.73		2.64	2	HD	KPH065122S
80	1.42	79.45	1.67		2.55	2	HD	KPH080142S
100	1.63	105.66	1.44		2.19	2	HD	KPH100163S
150	1.83	156.06	1.09		1.66	2	HD	KPH150183S

KEMBLA® NZS3501 SOFT COPPER COILS

15	1.02	14.73	6.84			1	ANN	KPA015102C
20	1.02	21.08	4.68			1	ANN	KPA020102C

KEMBLA® PRE-INSULATED COPPER TUBE

15	1.02	14.73	6.84	8.93		1	HH	KLAG015102S
20	1.02	21.08	4.68	6.10		1	HH	KLAG020102S

KEMBLA® SOFT COPPER COILS AS/NZS 1571:1995 STANDARD - GAS ONLY

OD (mm)	OD (inch)	Wall Thickness	Coil Length	Kembla Product Code
6.35	1/4	0.71	15mtr	KRA006071C15
9.52	3/8	0.71	15mtr	KRA010071C15
12.70	1/2	0.71	15mtr	KRA013071C15
19.05	3/4	0.89	15mtr	KRA019089C15

*LG - Light Gauge Tube

† - Based on individual tempers for temperatures up to 65°C.
Annealed values apply when tubes are softened during jonting or fabrication.

COPPER TUBE COMPLIANCE AND DURABILITY

All copper tube supplied by MM Kembla is manufactured under license to New Zealand Standard NZS3501: 1976 and is marked with this reference and our license number.

Should any “Kembla” marked copper tube, subject to proper laboratory inspection, be found not to be manufactured in accordance with NZS3501: 1976, Kembla will replace said tube and make good the installation for a period of 50 years.



1920



2010



MM Kembla was established in 1916 at Port Kembla, south of Sydney, in the state of New South Wales, Australia. It was from this location that the famous **KEMBLA®** brand originated. The company has been manufacturing copper products on the site since 1918 and first made copper tube there in 1920.

The factory is certified as a Quality Endorsed facility to ISO9001 by SAI Global, as shown by the Certificate of Registration below. MM Kembla also has a variety of third party accreditations to Australian, British/European and American Standards for many of its product ranges.



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