

Copper Tube TO AS 1432

SEAMLESS COPPER TUBE



USAGE

- Plumbing
- Gas Fittings
- Drainage

BENEFITS

- Manufactured to Australian Standard AS1432.
- Premium quality Australian Copper.
- No risk. Manufactured by an Australian company with over 90 years experience.
- Stronger and more reliable.
- Easily repaired where necessary.
- Safe. Does not burn or support combustion. Max service temp of 200°C.
- Supported by a full range of copper fittings.
- Kembla Tube is stocked nationwide for prompt delivery.
- Backed by MM Kembla's reputation for quality, service and customer care.

FEATURES

- Seamless Copper Tube. Available in sizes 6.33mm up to and including 254mm.
- Available as 'Hard Drawn' straight lengths, (BQ) 'Bendable Quality' straight lengths or, annealed coils.
- 'Kemlag' Pre-insulated copper tube is available with a green plastic sheathing. Used in a variety of 'end use' applications e.g. short run domestic hot water lines, burying in corrosive soils, laying under floors and concrete slabs (where approved), chasing into walls and masonry, pipework exposed to aggressive environments. Also UV resistant.
- Lagged copper tubes for recycled water are available with a lilac coloured lagging. Used for the purpose of differentiating between drinking water pipes and those used for recycled water.
- 'Kemline' biscuit coloured pre-insulated tube is used as LP gas pipelines for vehicle engines and satisfies the requirements of AS1425.
- Plain copper 3m Handycoils available in sizes ½" and ¾".
- MM Kembla copper tube can be cut to size. Lengths available from 1.5m (min order quantities apply.)

INSTALLATION

- For sizes and safe working pressures please refer to the table overleaf.
- MM Kembla copper tube is easily identified by the incise markings on the tube. Consisting of the Manufacturer's trademark, the WaterMark, the Australian Standards Number, the Licence Number, nominal size, thickness type, and "BQ" to identify bendable temper tubes. E.g. Kembla AS 1432 LIC945 DN 15B BQ.

TYPE A

Nom. Size	Actual Tube Size (Metric)	Actual Tube Size (Imperial)	kg per 6m length	Pack Qty.	*Safe Working Pressure (kPa)
DN6	6.35 x 0.91	1/4" x 20g	0.83	200	11,320
DN8	7.94 x 0.91	5/16" x 20g	1.08	200	8,810
DN10	9.52 x 1.02	3/8" x 19g	1.46	200	8,350
DN15	•12.70 x 1.02	1/2" x 19g	2.01	100	6,100
DN18	•15.88 x 1.22	5/8" x 18g	3.00	100	5,750
DN20	•19.05 x 1.42	3/4" x 17g	4.22	100	5,560
DN25	25.40 x 1.63	1" x 16g	6.53	100	4,750
DN32	31.75 x 1.63	1 1/4" x 16g	8.28	50	3,750
DN40	38.10 x 1.63	1 1/2" x 16g	10.03	50	3,100
DN50	50.80 x 1.63	2" x 16g	13.52	30	2,310
DN65	63.50 x 1.63	2 1/2" x 16g	17.01	30	1,840
DN80	76.20 x 2.03	3" x 14g	25.39	25	1,900
DN90	88.90 x 2.03	3 1/2" x 14g	29.73	15	1,630
DN100	101.60 x 2.03	4" x 14g	34.09	10	1,500
DN125	127.00 x 2.03	5" x 14g	42.79	8	1,200
DN150	152.40 x 2.64	6" x 12g	66.68	7	1,300
DN200	203.20 x 2.64	8" x 12g	random	1	910

TYPE B

Nom. Size	Actual Tube Size (Metric)	Actual Tube Size (Imperial)	kg per 6m length	Pack Qty.	*Safe Working Pressure (kPa)
DN6	6.35 x 0.71	1/4" x 22g	0.54	200	8,560
DN8	7.94 x 0.71	5/16" x 22g	0.86	200	6,700
DN10	9.52 x 0.91	3/8" x 20g	1.32	200	7,220
DN15	•12.70 x 0.91	1/2" x 20g	1.81	100	5,290
DN18	•15.88 x 1.02	5/8" x 19g	2.56	100	4,810
DN20	•19.05 x 1.02	3/4" x 19g	3.10	100	3,970
DN25	25.40 x 1.22	1" x 18g	4.97	100	3,500
DN32	31.75 x 1.22	1 1/4" x 18g	6.28	50	2,780
DN40	38.10 x 1.22	1 1/2" x 18g	7.59	50	2,300
DN50	50.80 x 1.22	2" x 18g	10.20	30	1,710
DN65	63.50 x 1.22	2 1/2" x 18g	12.82	30	1,370
DN80	76.20 x 1.63	3" x 16g	20.50	25	1,520
DN90	88.90 x 1.63	3 1/2" x 16g	23.98	15	1,300
DN100	101.60 x 1.63	4" x 16g	27.49	10	1,200
DN125	127.00 x 1.63	5" x 16g	34.46	8	960
DN150	152.40 x 2.03	6" x 14g	51.49	7	1,000
DN200	203.20 x 2.03	8" x 14g	random	1	720

TYPE C

Nom. Size	Actual Tube Size (Metric)	Actual Tube Size (Imperial)	kg per 6m length	Pack Qty.	*Safe Working Pressure (kPa)
DN10	9.52 x 0.71	3/8" x 22g	1.06	200	5,520
DN15	•12.70 x 0.71	1/2" x 22g	1.43	100	4,070
DN18	•15.88 x 0.91	5/8" x 20g	2.30	100	4,180
DN20	•19.05 x 0.91	3/4" x 20g	2.780	100	3,450
DN25	25.40 x 0.91	1" x 20g	3.76	100	2,560

TYPE D

Nom. Size	Actual Tube Size (Metric)	Actual Tube Size (Imperial)	kg per 6m length	Pack Qty.	*Safe Working Pressure (kPa)
DN32	31.75 x 0.91	1 1/4" x 20g	4.73	50	2,040
DN40	38.10 x 0.91	1 1/2" x 20g	5.71	50	1,690
DN50	50.80 x 0.91	2" x 20g	7.66	30	1,260
DN65	63.50 x 0.91	2 1/2" x 20g	9.61	30	1,010
DN80	76.20 x 1.22	3" x 18g	15.43	25	1,130
DN90	88.90 x 1.22	3 1/2" x 18g	20.65	15	970
DN100	101.60 x 1.22	4" x 18g	20.65	10	890
DN125	127.00 x 1.42	5" x 17g	30.07	8	830
DN150	152.40 x 1.63	6" x 16g	41.45	7	800

OTHER STRAIGHT LENGTHS

Actual Tube Size (Metric)	Actual Tube Size (Imperial)	Length	Pack Qty.
HARD DRAWN			
19.05 x 1.22	3/4" x 18g	6m	100
19.05 x 1.63	3/4" x 16g	6m	100
101.60 x 0.91	4" x 20g	6m	10
152.40 x 0.91	6" x 20g	6m	7
254.40 x 2.03	10" x 14g	Random	1
254.00 x 2.64	10" x 12g	Random	1

70/30 DR SWV BRASS

Actual Tube Size (Metric)	Actual Tube Size (Imperial)	Length	Pack Qty.
38.10 x 1.22	1 1/2" x 18g	6m	50
50.80 x 1.22	2" x 18g	6m	30
63.50 x 1.22	2 1/2" x 18g	6m	30
76.20 x 1.22	3" x 18g	6m	25
101.60 x 1.22	4" x 18g	6m	10

LAGGED COILS FOR GAS

Actual Tube Size (Metric)	Actual Tube Size (Imperial)	Length	Pack Qty.
6.35 x 0.91	1/4" x 20g	18m	1
7.94 x 0.91	5/16" x 20g	18m	1
9.52 x 0.91	3/8" x 20g	18m	1

* Safe Working Pressures applicable up to 50°C.
 • Generally supplied as "BQ" – bendable quality.

KEMLAG STRAIGHTS			
Actual Tube Size (Metric)	Actual Tube Size (Imperial)	Length	Pack Qty.
TYPE A			
•12.70 x 1.02	1/2" x 19g	6m	25
•19.05 x 1.42	3/4" x 17g	6m	25
TYPE B			
•12.70 x 0.91	1/2" x 20g	6m	25
•15.88 x 1.02	5/8" x 19g	6m	25
•19.05 x 1.02	3/4" x 19g	6m	25
25.40 x 1.22	1" x 18g	6m	25
31.75 x 1.22	1 1/4" x 18g	6m	150
38.10 x 1.22	1 1/2" x 18g	6m	100
50.80 x 1.22	2" x 18g	6m	75
101.60 x 1.63	4" x 16g	6m	15
TYPE C			
•12.70 x 0.71	1/2" x 22g	6m	25
•15.88 x 0.91	5/8" x 20g	6m	25
•19.05 x 0.91	3/4" x 20g	6m	25
25.40 x 0.91	1" x 20g	6m	25

LAGGED TUBES FOR RECYCLED WATER			
Actual Tube Size (Metric)	Actual Tube Size (Imperial)	Length	Pack Qty.
12.70 x 0.91	1/2" x 20g	6m	25
19.05 x 1.02	3/4" x 19g	6m	25
25.40 x 1.22	1" x 18g	6m	25
31.75 x 1.22	1 1/4" x 18g	6m	150
38.10 x 1.22	1 1/2" x 18g	6m	100
50.80 x 1.22	2" x 18g	6m	75
63.50 x 1.22	2 1/2" x 18g	6m	60
76.20 x 1.63	3" x 16g	6m	40
101.60 x 1.63	4" x 16g	6m	15

ANNEALED COILS			
Actual Tube Size (Metric)	Actual Tube Size (Imperial)	Length	Pack Qty.
TYPE A			
6.35 x 0.91	1/4" x 20g	30m	6
7.94 x 0.91	5/16" x 20g	30m	6
12.70 x 1.02	1/2" x 19g	18m	6
19.05 x 1.42	3/4" x 17g	18m	4
25.40 x 1.63	1" x 16g	18m	1
31.75 x 1.63	1 1/4" x 16g	18m	1
TYPE B			
9.52 x 0.91	3/8" x 20g	18m	8
12.70 x 0.91	1/2" x 20g	18m	6
15.88 x 1.02	5/8" x 19g	18m	5
19.05 x 1.02	3/4" x 19g	18m	4
25.40 x 1.22	1" x 18g	18m	1
TYPE C			
15.88 x 0.91	5/8" x 20g	18m	5
19.05 x 0.91	3/4" x 20g	18m	4

KEMLAG ANNEALED COILS			
Actual Tube Size (Metric)	Actual Tube Size (Imperial)	Length	Pack Qty.
TYPE A			
12.70 x 1.02	1/2" x 19g	18m	1
TYPE B			
12.70 x 0.91	1/2" x 20g	18m	1
15.88 x 1.02	5/8" x 19g	18m	1
19.05 x 1.02	3/4" x 19g	18m	1
TYPE C			
19.05 x 0.91	3/4" x 20g	18m	1

• Generally supplied as "BQ" – bendable quality.

For further information: Refer to the current edition of The Plumbers Handbook available through your MM Kembla representative or contact Customer Service on 1800 804 631.