

Copper Plumbing Tube – AS1432

Usage

- Plumbing
- Gas Fittings
- Drainage

Benefits

- Manufactured to Australian Standard AS1432.
- 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 capillary and Hallmark EzyPress copper fittings.

Standard Copper Plumbing Tube Details

- 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.
- In recognition of meeting the stringent quality assurance requirements of the Plumbing Code of Australia and Standards Australia, the Australian copper tube manufacturers hold product certificates for tubes manufactured to comply with AS 1432.
- The manufacturers are proud to display the WaterMark on copper plumbing tubes.
- Hallmark copper tube is easily identified by the markings on the tube.

Copper Tubes for Plumbing, Gas fitting and Drainage Applications to Australian Standard 1432 – 2004

TYPE A

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

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	Annealed or HD	8,560
DN8	7.94 x 0.71	5/16" x 20g	0.86	Annealed or HD	6,700
DN10	9.52 x 0.91	3/8" x 19g	1.32	Annealed or HD	7,220
DN15	12.70 x 0.91	1/2" x 20g	1.8	Annealed, BQ or HD	5,290
DN18	15.88 x 1.02	5/8" x 19g	2.56	Annealed, BQ or HD	4,810
DN20	19.05 x 1.02	3/4" x 19g	3.10	Annealed, BQ or HD	3,970
DN25	25.40 x 1.22	1" x 18g	4.97	Annealed or HD	3,500
DN32	31.75 x 1.22	1 1/4" x 18g	6.28	Annealed or HD	2,780
DN40	38.10 x 1.22	1 1/2" x 18g	7.59	Annealed or HD	2,300
DN50	50.80 x 1.22	2" x 18g	10.20	HD	1,710
DN65	63.50 x 1.22	2 1/2" x 18g	12.82	HD	1,370
DN80	76.20 x 1.63	3" x 16g	20.50	HD	1,520
DN90	88.90 x 1.63	3 1/2" x 16g	23.98	HD	1,300
DN100	101.60 x 1.63	4" x 16g	27.49	HD	1,200
DN125	127.00 x 1.63	5" x 16g	34.46	HD	960
DN150	152.40 x 2.03	6" x 14g	51.49	HD	1,000

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 19g	1.06	Annealed or HD	5,520
DN15	12.70 x 0.71	1/2" x 22g	1.43	Annealed, BQ or HD	4,070
DN18	15.88 x 0.91	5/8" x 20g	2.30	Annealed, BQ or HD	4,180
DN20	19.05 x 0.91	3/4" x 20g	2.78	Annealed, BQ or HD	3,450
DN25	25.40 x 0.91	1" x 20g	3.76	Annealed or HD	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	HD	2,040
DN40	38.10 x 0.91	1 1/2" x 20g	5.71	HD	1,690
DN50	50.80 x 0.91	2" x 20g	7.66	HD	1,260
DN65	63.50 x 0.91	2 1/2" x 20g	9.61	HD	1,010
DN80	76.20 x 1.22	3" x 18g	15.43	HD	1,130
DN90	88.90 x 1.22	3 1/2" x 18g	20.65	HD	970
DN100	101.60 x 1.22	4" x 18g	20.65	HD	890
DN125	127.00 x 1.42	5" x 17g	30.70	HD	830
DN150	152.40 x 1.63	6" x 16g	41.45	HD	7,800



WaterMark Level 1

Certificate of Conformity

Australian Certification Services Pty Ltd grants to the WaterMark User:

Yong Xiang Copper Products (Aust) Pty Ltd

Trading as Yong Xiang Copper Products (Aust) Pty Ltd

the right to use the WaterMark as shown above in conjunction with the Certificate No. on product/s as identified in the WaterMark Schedule and as listed on the WaterMark database www.abcb.gov.au/product-certification which have been shown to comply with the relevant Standard/s and level of certification referred to below. The WaterMark User is granted a licence to use the WaterMark subject to the rules governing the use of the WaterMark.

Product Type: Copper Pipe
Evaluated to: AS 1432:2004 Copper tubes for plumbing, gasfitting and drainage applications

Issue Date: 3rd March 2015
Initial Issue Date: 29th January 2010
Expiry Date: 28th January 2020

Paul Greig
General Manager

Certificate No.: 23017

This certificate remains the property of Australian Certification Services Pty Ltd
WaterMark Level 1 certification is a conformity assessment scheme based on ISO Guide 67 (system 5)

