

CDS Line Tubes

CDS Hydraulic Line Tubes are a high quality Seamless Cold Drawn precision tube which is popular in hydraulic applications such as oil and water conveying and pneumatic applications. They can also be used for a wide range of other applications.

Our CDS Hydraulic Line tubes have been normalised to improve their suitability for bending. All Tubes are E235 annealed cad plated, shot, oiled and capped and meet International Standards. All tubes (depending on their wall thickness) can handle very high working pressures.

Cold Drawn Seamless steel tube and pipe is not suitable for load bearing applications.



CDS Line Tubes

Cold Drawn Seamless Hydraulic Line Tube

Tubes are externally coated with a chrome free (CF6) Zinc coating of 8 to 12 micron and subsequently passivated or chromated, combined with temporary corrosion protection (inhibitor containing mineral) for resistance against white corrosion.

Size Range carried

Imperial

Outside Diameter: 1/4" to 1 1/2"

Metric

Outside Diameter: 6mm OD to 42mm OD

Wall thickness: 1mm to 5mm

Steel grade: E235 (ST37.4)

Delivery condition: +N (Normalised)

Stocked in 6000mm lengths

Hydraulic tubes from stock, cut to order and delivered fast!

Technical Specifications

Factor of Safety = 3:1.

This is based upon the following design tensile properties given in ASTM A179/A179M

Tensile Strength (min) 350Mpa;

Yield Strength (min) 235Mpa.

These tensile strengths are used to calculate working pressures by Barlow's thin wall formula. This information is offered as a guide only to end users but should not be used in lieu of design calculations for each specific application.

Imperial Size Range

Outer Diameter		Wall Thickness	Weight
Inches	mm	mm	Kg per meter
1/4"	6.35	0.9	0.13
3/8"	9.525	1.22	0.25
3/8"	9.525	1.63	0.33
1/2"	12.7	1.22	0.35
1/2"	12.7	1.63	0.45
5/8"	15.875	1.63	0.57
3/4"	19.05	1.63	0.7
3/4"	19.05	2.03	1.15
1"	25.4	2.03	1.17
1"	25.4	2.64	1.4
1"	25.4	3.25	1.78
1 1/4"	31.75	2.03	1.49
1 1/4"	31.75	2.64	1.9
1 1/4"	31.75	3.25	2.28
1 1/2"	38.1	3.25	2.79

Hydraulic Steels Australia can also source other sizes and steel grades in Cold Drawn Seamless which may be suitable for many other applications.

Metric Size Range

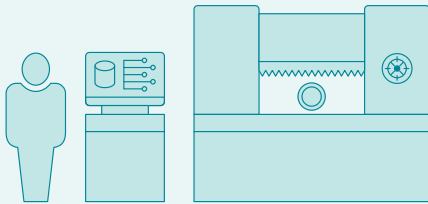
Outer Diameter mm	Wall Thickness mm	Weight Kg per meter
6	1	0.123
8	1	0.173
8	1.5	0.24
10	1.5	0.314
12	1.5	0.389
12	2	0.493
14	2	0.592
15	1.5	0.5
16	1.5	0.54
16	2	0.691
18	1.5	0.61
18	2	0.788
20	2	0.96
20	2.5	1.08
22	2	0.986
25	2	1.135
25	2.5	1.423
25	3	1.63
28	2	1.28
30	3	2
30	4	2.57
35	2.5	2.018
35	3	2.4
38	4	3.35
38	5	4.07
42	3	2.89



Hydraulic Steels Australia

We supply hydraulic repair and manufacturing workshops with hydraulic steels. Traditional hydraulic steel suppliers are not geared towards these businesses. We are. Call our sales team on 1300 522 826.

Cutting Service



Our laser guided band saws are dedicated to hydraulic steels. Our superior cutting service ensures that we can typically process orders faster than our competitors. If we receive an order before 12 noon, we aim to have that order on transport that day.

Delivery



We've positioned ourselves geographically to be in a strategic location with excellent on and off highway access which enables transport to collect products with ease and enables us to distribute products efficiently, on time and safely to every postcode area throughout Australia.

Disclaimer

The data ranges and application examples shown are for general information purposes only and are not to be considered as recommendations. Test certificates for specific products are available on request.

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**AUSTRALIA'S LARGEST
STOCK RANGE**