

Cold Drawn Aluminium Tube

Applications

- Aircraft components
- Boiler fabrication
- Industrial pressure vessels (food sector)
- Kitchenware
- General fabrication Processing equipment (chemical, pharmaceutical)
- Sheet metal work

Product Description

L116 is a cold drawn aluminium tube product which has high corrosion resistance with slightly higher strength than 1050a. L116 aluminium tube is based on the aluminium alloy material designation 1200; the alloy also boasts high thermal conductivity and reflectivity although this is not quite as high as 1050. L116 has a 99% minimum requirement for aluminium content and yet is still classed as a non heat-treatable commercially pure aluminium.

Key features:

- High thermal conductivity
- Very good weldability
- Very good atmospheric corrosion resistance
- Easily joined
- High anodising capability

Corrosion Resistance

High

Availability

Pipe, tube

Cold Working

Excellent

Chemical Composition (weight %)

Weight (%)	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Pb	Sn	Ti + Zr
min.											
max.	0.5	0.7	0.1	0.1				0.1			

Mechanical Properties

Tensile Strength (min)	110 to 140 N/mm ²
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Technical Assistance

Our knowledgeable staff backed up by our resident team of qualified metallurgists and engineers, will be pleased to assist further on any technical topic.

www.smithmetal.com

sales@smithmetal.com

Biggleswade 01767 604604	Birmingham 0121 7284940	Bristol 0117 9712800	Chelmsford 01245 466664	Gateshead 0191 4695428	Horsham 01403 261981	Leeds 0113 3075167
London 020 72412430	Manchester 0161 7948650	Nottingham 0115 9254801	Norwich 01603 789878	Redruth 01209 315512	Verwood 01202 824347	General 0845 5273331



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