

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.

UK Service Centres:

Smiths Belfast	02895 908 897	Smiths Leeds	0113 307 5167
Smiths Biggleswade	01767 604 704	Smiths Manchester	0161 794 8650
Smiths Birmingham	0121 728 4940	Smiths Norwich	01603 789 878
Smiths Bristol	0117 971 2800	Smiths Nottingham	0115 925 4801
Smiths Chelmsford	01245 466 664	Smiths Redruth	01209 315 512
Smiths Gateshead	0191 469 5428	Smiths Verwood	01202 824 347
Smiths Horsham	01403 261 981	Main Office	0845 527 3331

Quality & Testing:



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