



## Aluminium Alloy - 3L58 'O' Wire

### SPECIFICATIONS

Commercial 5056A - OBSOLETE

3L58 cold drawn and fully annealed soft wire rivet stock

### CHEMICAL COMPOSITION

BS 3L58(1971)  
Alloy 3L58

Element	% Present
Magnesium (Mg)	4.5 - 5.5
Manganese (Mn)	0.5 max
Manganese + Chromium (Mn+Cr)	0.1 - 0.5
Iron (Fe)	0.5 max
Silicon (Si)	0.3 max
Chromium (Cr)	0.25 max
Nickel (Ni)	0.2 max
Zinc (Zn)	0.2 max
Titanium + Zirconium (Ti+Zr)	0.2 max
Copper (Cu)	0.1 max
Lead (Pb)	0.05 max
Tin (Sn)	0.05 max
Aluminium (Al)	Balance

Material shall be supplied annealed.

### ALLOY DESIGNATIONS

Aluminium alloy 3L58 - 5056A is covered by Standard BS EN 3L58 (1971)

### TEMPER TYPES

The most common temper for 3L58 - 5056A aluminium rivet stock is cold drawn and fully annealed/fully soft

- O - Soft

### SUPPLIED FORMS

L58-5056A aluminium is supplied as cold drawn wire for rivet stock

- Wire

### MECHANICAL PROPERTIES

BS 3L58(1971)  
Wire

Property	Value
Tensile Strength	265 Min N/mm <sup>2</sup>

Material shall be subjected to a torsion test.

This specification was declared obsolescent on 01 April 1999. It is susceptible to intergranular corrosion.

### CONTACT

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### REVISION HISTORY

Datasheet Updated 09 January 2014

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