

Aluminium Alloy 3L58 'O' Wire

SPECIFICATIONS

Commercial	5056A - OBSOLETE
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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 ²

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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DISCLAIMER

This Data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

Please note that the 'Datasheet Update' date shown above is no guarantee of accuracy or whether the datasheet is up to date.

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