

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 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

Address:	Gould Alloys Ltd Markham Lane Markham Vale Chesterfield S44 5HS United Kingdom
Tel:	+44 (0) 1246 263300
Email:	sales@gouldalloys.co.uk
Web:	www.gouldalloys.co.uk

REVISION HISTORY

Datasheet Updated	09 January 2014
-------------------	-----------------

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.

The information provided in this datasheet has been drawn from various recognised sources, including EN Standards, recognised industry references (printed & online) and manufacturers' data. No guarantee is given that the information is from the latest issue of those sources or about the accuracy of those sources.

Material supplied by the Company may vary significantly from this data, but will conform to all relevant and applicable standards.

As the products detailed may be used for a wide variety of purposes and as the Company has no control over their use; the Company specifically excludes all conditions or warranties expressed or implied by statute or otherwise as to dimensions, properties and/or fitness for any particular purpose, whether expressed or implied.

Advice given by the Company to any third party is given for that party's assistance only and without liability on the part of the Company. All transactions are subject to the Company's current Conditions of Sale. The extent of the Company's liabilities to any customer is clearly set out in those Conditions; a copy of which is available on request.