

SPECIFICATIONS

Commercial AMS-T-9046

Commercially pure Titanium sheet, strip plate for structural applications.

The alloy has moderate strength and excellent cold forming properties. It has excellent welding properties and has excellent resistance to oxidation and corrosion

CHEMICAL COMPOSITION

AMS T 9046
Titanium CP3

Element	% Present
Iron (Fe)	0.3 max
Others (Total)	0.3 max
Oxygen (O)	0.2 max
Other (Each)	0.1 max
Carbon (C)	0.08 max
Nitrogen (N)	0.05 max
Hydrogen (H)	0.02 max
Titanium (Ti)	Balance

ALLOY DESIGNATIONS

Titanium CP-3 is similar to the following specifications **but may not be a direct equivalent:**

SAE AMS 4900
SAE AMS 4901
SAE AMS 4902
SAE AMS 4907
SAE AMS 4909
SAE AMS 4910
SAE AMS 4911
SAE AMS 4911G
SAE AMS 4915
SAE AMS 4916
SAE AMS 4917
SAE AMS 4918
SAE AMS 4919
SAE AMS T 9046
SAE MAM 4911

SUPPLIED FORMS

- Plate
- Sheet
- Strip

MECHANICAL PROPERTIES

AMS T 9046
Titanium CP3

Property	Value
Proof Stress	276 - 448 MPa
Tensile Strength	345 Min MPa
Elongation A50 mm	20 Min %

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 19 February 2015

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.