

AMS 4902, Titanium Grade 2 Sheets and Plates

Typical Applications

- Airframe skins
- Chemical Process vessels
- Exhausts components
- Medical and dental implants
- Sputtering Targets

Titanium Grade 2 is a commercially pure form of titanium. It is widely used because it combines excellent formability and moderate strength with superior corrosion resistance.

his combination of properties makes Grade 2 titanium (ASTM B265, AMS 4902, UNS R50400) ideal for a large variety of chemical and marine as well as aerospace and medical applications.

Technical specification

Related Specifications

ASTM B265

ASME SB-265

TA2

AMS 4902

UNS R50400

W.Nr 3.7034

AMS T 9046

Specific Gravity

4.51 g/cm3

Chemical Composition (WT %)

	Min	Max
C	-	0.08

N	-	0.03
O	-	0.250
Ti	-	Bal
Fe	-	0.30
H	-	0.015
Other	-	0.40

Typical Mechanical Properties in the Annealed condition

0.2% Proof Stress	MPA	Min	275
Tensile Strength	MPA	Min	345
Elongation	%	Min	20
Reduction of Area	%		30
Hardness	HRB		80

Need more information? **Get in touch**

General Enquiries

+44(0) 1525 217 556

[Email us here](#)

Head Office

40 Eden Way
Chartwell Business Park
Leighton Buzzard
Bedfordshire
LU7 4FY

T: +44 (0)1525 217 556

Conversion Centre

Suite 2 Meadowhall Riverside
Meadowhall Road
Sheffield
South Yorkshire
S9 1BW

T: +44 (0)1143 030 320

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