

# AMS 4900, Titanium Grade 3 Sheets and Plates

## Typical Applications

- Welded aerospace ducting
- Structural aerospace components
- Metal Finishing

Titanium Grade 3 is a commercially pure form of titanium.

It is widely used because it combines excellent formability and moderate strength (slightly higher than that of Grade 2) with superior corrosion resistance. This combination of properties makes Grade 3 titanium (ASTM B265, AMS 4900) ideal for a large variety of chemical and marine as well as aerospace and medical applications where strength is a consideration.

## Technical specification

### Related Specifications

ASTM B265

ASME SB-265

AMS 4900

### Specific Gravity

4.51 g/cm3

### Chemical Composition (WT %)

	Min	Max
C	-	0.08
N	-	0.05
O	-	0.35
Ti	-	Bal

<b>Fe</b>	-	0.30
<b>H</b>	-	0.015
<b>Other</b>	-	0.40

*Typical Mechanical Properties in the Annealed condition*

<b>0.2% Proof Stress</b>	MPA	Min	380
<b>Tensile Strength</b>	MPA	Min	450
<b>Elongation</b>	%	Min	18
<b>Reduction of Area</b>	%		30
<b>Hardness</b>	HRB		90

Need more information? **Get in touch**

## General Enquiries

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