# 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
С	-	0.08
N	-	0.05
O	-	0.35
Ti	-	Bal

29/11/2025 05:23 1 of 3

Fe	-	0.30
Н	-	0.015
Other	-	0.40

# Typical Mechanical Properties in the Annealed condition

0.2% Proof Stress	MPA	Min	380
Tensile Strength	MPA	Min	450
Elongation	%	Min	18
Reduction of Area		%	30
Hardness	H	HRB	90

Need more information? Get in touch

## **General Enquiries**

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29/11/2025 05:23 2 of 3

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29/11/2025 05:23 3 of 3