"This is the culmination of a multi-year journey to do what was once considered impossible!"

Deep-Drawn Titanium Alloy Grade 9 (3AL-2.5V)

Titanium Grade 9 contains 3.0% aluminum and 2.5% vanadium. This alloy is a compromise between the ease of welding and manufacturing of the "pure" grades and the high strength of Grades 5 or 23



Material Properties:

Ultimate Tensile Strength: 90 KSI min (620 MPa min)
Yield Strength (0.2% offset): 70 KSI min (483 MPa min)
Elongation:
12% min (longitudinal)
8% min (transverse)

Titanium Grade 9 (Ti 3AL-2.5V) Description

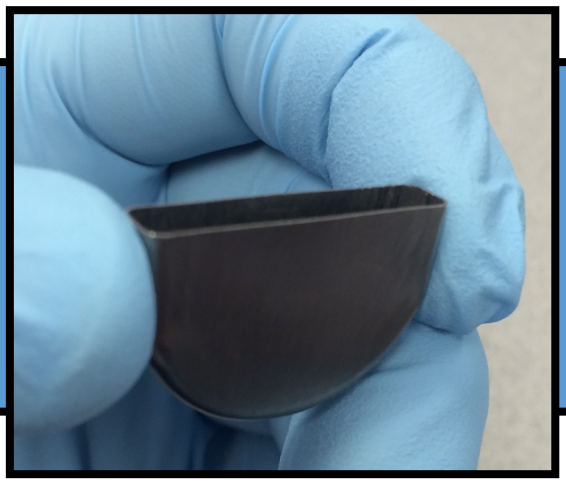
Titanium Alloy 3-2.5 (Grade 9) is a medium strength alloy with good weldability and fabricability for mildly reducing to mildly oxidizing media. It is a compromise between the facility of welding and manufacturing of the pure grades and the high strength of Grade 5. It has great corrosion resistance and can be used extensively in aerospace, chemical processing, medical, marine, and automotive.

Benefits for Using Grade 9 Titanium in Medical Implantable Devices

Better Telemetry Than Commercially Pure Titanium

Better Electrical Properties - Allowing Device to be Charged Remotely

Imaging - Better MRI Performance



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ISO 13485:2003
ISO 14001:2004

green manufacturer

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