


<b>Technical data sheet</b>  <small>011121MBA</small>	<b>Titanium base – Solid wire</b>  <b>WA TTI/MTI GR2</b>	 <b>Welding Alloys</b>
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#### CLASSIFICATION

ASME IIC SFA 5.16 / AWS A 5.16:	ERTi-2
EN ISO 24034-A:	S Ti 0120 (Ti 99.6)
Equivalent Material number:	3.7036

#### DESCRIPTION

- High purity grade titanium solid GTAW rod / GMAW wire
- Ductile weld deposit with excellent corrosion resistance in oxidizing environments
- Porosity free and ductile deposits

#### APPLICATIONS

WA TTI/MTI GR2 is suitable for many applications requiring a combination of mechanical strength and corrosion resistance.

WA TTI/MTI GR2 is developed for welding pure titanium and alloys with a similar composition:

- Titanium grades 1, 2, 3 and 4.
- UNS R50400H

#### TYPICAL WIRE ANALYSIS [%]

C	O	N	H	Ti
< 0.03	0.10	< 0.015	<0.008	Bal.

#### ALL-WELD METAL MECHANICAL PROPERTIES

Rm [MPa]	Rp0.2% [MPa]	As [%]	CVN [J]
500	280	40	+20°C: 70

#### WELDING POSITIONS

All positions

#### PACKAGING

<b>WA TTI GR2</b>	Diameter	1.6 mm / 2.4 mm / 3.2 mm
	Length	1000 mm
	Tube	5 kg
<b>WA MTI GR2</b>	Diameter	0.8 – 1.6 mm
	Spools	D100 / D300

Other packaging and other diameters: please consult us