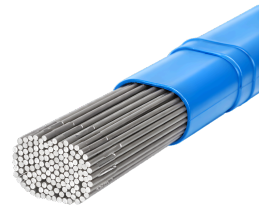


# STRONG Ti-4

CLASSIFICATION: AWS SFA 5.16 ERTi-4

Titanium alloy Solid Wire For MIG & TIG Welding



## CHARACTERISTICS

STRONG Ti-4 is a commercially pure titanium filler wire offering the highest strength among CP titanium grades, while retaining adequate ductility and excellent corrosion resistance. It is specifically designed for applications requiring enhanced load-bearing capacity, improved mechanical strength, and long-term durability in corrosive environments.

## APPLICATIONS

The most common applications of STRONG Ti-4 are in Heavy-duty pressure vessels, Structural titanium fabrication, Offshore and marine components, Heat exchangers under higher stress, Industrial equipment requiring high strength.

Base Materials Recommended: Titanium Grade 4 & Titanium Grade 3.

## TYPICAL WIRE CHEMISTRY (%)

C	O	N	H	Fe	Ti
0.03 MAX	0.18-0.32	0.025 MAX	0.008 MAX	0.25 MAX	BALANCE

## ALL WELD MECHANICAL PROPERTIES

Typical as per AWS 5.16	Y.S.	U.T.S.	ELONGATION
	MPa	MPa	%
	580	725	32

## PACKAGING SPECIFICATIONS - MIG

**DIA SIZE** 0.80MM / 1.00MM / 1.20MM / 1.60MM / 2.00MM

**SPOOL WEIGHT** 1KGS / 5KGS / 12.5KGS / 15KGS

## PACKAGING SPECIFICATIONS - TIG

**DIA SIZE** 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM

**WEIGHT** 5KGS / 20KGS