

STRONG TI-7 CORROSHIELD



CLASSIFICATION: AWS SFA 5.16 ERTi-7

Titanium alloy Solid Wire For MIG & TIG Welding

CHARACTERISTICS

STRONG Ti-7 CorroShield is a palladium-bearing titanium alloy filler wire specifically developed for highly corrosive environments.

It offers superior resistance to crevice corrosion, reducing acids, and chloride environments, making it ideal for chemical processing and offshore applications.

APPLICATIONS

The most common applications of STRONG Ti-7 CorroShield are in Chemical processing plants, Acid handling systems, Offshore & marine equipments, Desalination plants, Heat exchangers in corrosive service. Base Materials Recommended: Titanium Grade 7 (Ti-Pd), Titanium Grade 2 (for enhanced corrosion resistance).

TYPICAL WIRE CHEMISTRY (%)

C	O	N	H	Fe	Pd	Ti
0.03 MAX	0.08-0.16	0.015 MAX	0.008 MAX	0.12 MAX	0.12-0.25	BALANCE

ALL WELD MECHANICAL PROPERTIES

Typical as per AWS 5.16	Y.S.	U.T.S.	ELONGATION
	MPa	MPa	%
	260	475	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