STRONG FCAW E347

CLASSIFICATION: AWS SFA 5.22 E347T1-1/4

STAINLESS STEEL FLUX CORED ARC WELDING WIRE

CHARACTERISTICS

STRONG FCAW E347 is a rutile based, all-position, flux-cored wire designed for 304, 304L, 321 and 347 stainless steels. The weld metal is 19.5Cr-10Ni with Nb & Ta added as stabilizer. This wire is designed with fast freezing slag characteristics and good slag detachability. This wire provides weld deposits with improved resistance to chromium carbide precipitation and improved corrosion resistance as well as improved strength at elevated temperatures.

APPLICATIONS

STRONG FCAW E347 is used extensively in the fabrication of AISI types 321 and 347 stainless steel structures, pressure vessels, tanks in dairy, pulp and paper, textile dyeing, refinery and chemical equipment. Other welding applications include valves, valve seating surfaces, gears, propeller shafts, and impellers.

TYPICAL WELD METAL CHEMISTRY (%)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb+Ta	Cu
0.08 MAX	0.50-2.50	1.00 MAX	0.03 MAX	0.04 MAX	18.0-21.0	9.0-11.0	0.75 MAX	1.00 MAX	0.75 MAX

ALL WELD MECHANICAL PROPERTIES

Required as per AWS 5.22	U.T.S. MPa	ELONGATION %
Typical Results As Welded	580	40

PACKAGING SPECIFICATIONS - FCAW

DIA SIZE	1.20MM / 1.60MM
SPOOL WEIGHT	12.5KGS