

STRONG FCAW E316L

CLASSIFICATION: AWS SFA 5.22 E316LT1-1/4

STAINLESS STEEL FLUX CORED ARC WELDING WIRE



CHARACTERISTICS

STRONG FCAW E316L is a titania type, all-position, flux-cored wire designed for MAG welding of low carbon 18%Cr-12%Ni-2.5%Mo stainless steels. This wire has extra-low carbon content and controlled ferrite content which gives good resistance cracking & corrosion. It has self-detaching slag, spray-like arc transfer, excellent weldability and increased creep resistance at elevated temperatures.

APPLICATIONS

STRONG FCAW E316L is an excellent choice for welding of pipes, tubes and vessel components of grade AISI 316, 316L, 317, 317L, 318 type. Typical application in textile processing, Naval and Chemical environments, paper industry, paint and dye industries and food processing industries.

TYPICAL WELD METAL CHEMISTRY (%)

C	Mn	Si	P	S	Cr	Ni	Mo
0.04 MAX	0.50- 2.50	1.00 MAX	0.03 MAX	0.04 MAX	17.0- 20.0	11.0- 14.0	2.0-3.0

ALL WELD MECHANICAL PROPERTIES

Required as per AWS 5.22	Y.S. MPa	U.T.S. MPa	ELONGATION %
Typical Results As Welded	435	558	38

PACKAGING SPECIFICATIONS - FCAW

DIA SIZE 1.20MM / 1.60MM

SPOOL WEIGHT 12.5KGS