

Arcaloy 316LF5-16

Arcaloy 316LF5-16 is an E316L-16 electrode where the composition has been balanced to give a weld deposit with a minimum ferrite content of 5 FN. It can be used to weld Type 304L stainless steel where the presence of molybdenum is not detrimental.

Classifications:	AWS A5.4:E316-16/E316L-16
Approvals:	CWB CSA W48: E316L-16, QPL MIL-E-22200/2 MIL-316L-16
Industry or Segmentation:	Petrochemical, Industrial and General Fabrication, Chemical Industry, Food and Beverage

Approvals are based on factory location. Please contact ESAB for more information.

Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As Welded	450 MPa (65 ksi)	570 MPa (83 ksi)	40 %

Typical Weld Metal Analysis %

C	Mn	Si	Ni	Cr	Mo	Cu	Ferrite FN
0.03	1.50	0.40	12	19	2.50	0.20	6