

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.

Specifications	
Classifications	AWS A5.4 : E316-16/E316L-16
Approvals	ABS : E316L-16 CWB : E316L-16 MIL : MIL-316L-16 QPL
Industry	Petrochemical Chemical Industry Food and Beverage Industrial and General Fabrication

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

Alloy Type	316LF5-16
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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