ALTIGWELD 1100

Alloy 1100 is highly resistant to chemical attack and weathering. It is a relatively soft alloy that is very formable and is used extensively in thin gauge and foil products. It has good welding characteristics and it is also used as a filler alloy for welding purposes. A desirable characteristic of the alloy is the bright finishes obtained by anodizing.

Specifications	
Classifications	AMS 4102 : (Chemistry Only) ANSI/AWS A5.10 : (ER & R) ASTM B316 QQ-A-430
Approvals	CWB

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

Alloy Type	Aluminum

Typical Tensile Properties			
Condition	**Yield Strength**	**Tensile Strength**	**Elongation**
As Welded	34 MPa (5 ksi)	90 MPa (13 ksi)	35 %
As Welded	103 MPa (15 ksi)	110 MPa (16 ksi)	2 %
As Welded	117 MPa (17 ksi)	124 MPa (18 ksi)	9 %
As Welded	138 MPa (20 ksi)	145 MPa (21 ksi)	6 %
As Welded	152 MPa (22 ksi)	165 MPa (24 ksi)	5 %

Typical Wire Composition %		
Cu	**Si+Fe**	**Zn**
0.07	0.55	0.01