



Techalloy 308LHS

Description

Techalloy 308LHS is a stainless steel welding wire for MIG welding. This wire is used to primarily weld equipment made with 304 type stainless steel. The potential welding speed is higher than 308L due to improved wet ability of weld metal due to higher silicon content.

Specifications & Approvals:

AWS A5.9 ER308LSi

UNS S30888

ISO 14343:2009 (19 9 L Si)

CWB

Typical Chemical Composition

C	Mn	Si	Cr	Mo	Ni	Nb	N	S	P	Cu	FN
.016	1.65	.85	20.65		10.0			.008	.016		8

Typical Mechanical Properties

Tensile Strength	86,500 PSI	600 MPA
Yield Strength	59,000 PSI	410 MPA
Elongation	39%	

Welding Parameters

	Shielding	Gas Flow	Diameter	Voltage	Amperage
Mig Welding	98/99% Argon + 2/1% Oxygen 97% Argon + 3% CO2	30 to 50 CFH	.035" (0.9mm) .045" (1.14mm) .062" (1.6mm))	26 to 29 28 TO 32 29 TO 33	160/210 180/250 200/280

Standard Packages:

Mig Wire– 33# wire basket		
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