
 <p>Complete Welding Support</p>	<h2>Autotherme Grade-308L (SAW Wire)</h2>	
	<p>An extra low carbon stainless steel wire of 18 % Cr & 8 % Ni type bare SS wire for SAW of austenitic corrosion resisting steels.</p>	

CLASSIFICATION: AWS: SFA 5.9
ER308L

CHARACTERISTICS & APPLICATIONS:

The nominal composition of this wire is 20%Cr – 10%Ni. For 'L' grade, the carbon content is <0.03%. The wire is suitable for welding of base metal of similar composition (AISI 301, 302, 304 and equivalent types). Low carbon grade reduces the propensity for carbide precipitation and offers increasing resistance to Intergranular corrosion. The arc & current carrying characteristics assure excellent performance of outstanding bead and surface finish. Autotherme Grade-308L can be used in combination with Maxflux SS-4.

CHEMICAL COMPOSITION OF SOLID WIRE, WT. %:

Element	C	Mn	Si	S	P	Cr	Ni	Mo	Cu
Typical	0.027	1.55	0.37	0.012	0.025	20.16	9.16	0.25	0.007
Range	0.03 Max	1.0 - 2.5	0.30- 0.65	0.03 Max	0.03 Max	19.5- 22.0	9.0- 11.0	0.75 Max	0.75 Max

CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, WT. %:

MAXFLUX	Element	C	Mn	Si	S	P	Cr	Ni	Mo	Cu
SS4	Typical	0.030	1.40	0.47	0.008	0.020	19.60	9.14	0.090	0.055

MECHANICAL PROPERTIES OF WELD METAL:

MAXFLUX	Property	UTS (MPa)	EI (L=4d) (%)
SS4	Typical	575.0	40.0

PACKING:	STANDARD SIZE	Diameter 2.5mm, 3.2mm & 4.0 mm
	QUANTITY	<ul style="list-style-type: none"> ➤ 25 kg. Wire in metallic ring. ➤ Identification-Brand name & size is printed on label. ➤ Packed in corrugated cardboard box.

An ISO 9001: 2008 COMPANY

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