
 <p>Complete Welding Support</p>	<h2>Autotherme Grade -318 (SAW Wire)</h2>	
	<p>Autotherme Grade-318 is a low carbon & Stabilized wire for the SAW welding</p>	

CLASSIFICATION: AWS: SFA 5.9
ER318

CHARACTERISTICS & APPLICATIONS:

Autotherme Gr.318 is a low carbon, stainless steel wire for the SAW wire capable of making single pass or multiple pass welding for Intergranular corrosion resistant steels of the 18Cr 12Ni 3Mo type, such as AISi 316 and 316L, or somewhat lower alloyed types. Autotherme Gr. 318 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	Nb
Typical	0.07	1.6	0.55	0.010	0.015	18.5	12.0	2.50	0.10	0.40
Range	0.08 Max	1.0 - 2.5	0.30- 0.65	0.03 Max	0.03 Max	18.0- 20.0	11.0- 14.0	2.0 - 3.0	0.75 Max	8xC min- 1.0 max

CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, WT. %:

MAXFLUX	Element	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Nb
SS4	Typical	0.07	1.62	0.58	0.010	0.010	19.5	12.5	2.6	0.10	0.56

MECHANICAL PROPERTIES OF WELD METAL:

MAXFLUX	Property	UTS (MPa)	EI (L=4d) (%)
SS4	Typical	610	27

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.

<p>An ISO 9001: 2008 COMPANY</p> <p>D&H Sécheron Electrodes Private Limited</p> <p>44-46, Industrial Estate, Kila Maidan, Indore-452 006, India, Ph: 0731 2412331-2, 4229222 Fax: 0731 4229260 E-mail: info@dnhsecheron.net Website: www.dnhsecheron.com</p> <p style="text-align: right;">JUN 2017 (Rev.: 01)</p>
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