



NOUVARC FC-LA-2

Flux Cored Arc Welding Wires

AWS A 5.29 E91 T1-B3

Application

NOUVARC FC-LA2 is Specially designed for welding of 2.25% Cr, 0.5% Mo steel with high temperature and pressure applications are involved in steam boiler piping, oil refinery, chemical plants etc.

Characteristics

NOUVARC FC-LA1 is a rutile based fluxcored wire. It provides many good characteristics, like low spatter loss, flat to slightly convex bead configuration and a moderate volume of slag, which completely covers the weld bead and exhibits self-peeling slag detachability.

Chemical Composition of Weld Metal

	C	Mn	Si	P	S	Cr	Mo	Shielding Gas
AWS Apec	0.05 - 0.12	1.25 Max	0.8 Max	0.03 max	0.03 max	2.00 - 2.50	0.90 - 1.20	
Typical	0.06 - 0.08	0.9 - 1.1	0.4 Max	0.03 max	0.03 max	2.1 - 2.25	1 - 1.1	100 % Co2

Mechanical Properties of Weld Metal

	AWS Specs	Typical
UTS	620 - 760 Min	680 - 730 Min
YS	540 min	610 Min
% Elongation	17 Min	20 Min
Shielding Gas		100% Co2

ISO 9001 Certified Company

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