



# NOUVARC FC-LA-4

## Flux Cored Arc Welding Wires

**AWS A 5.29 E110 T5-K4**

### Application

NOUVARC FC -LA4 is Specially designed for welding of high tensile fine grained quenched and tempered steels like USS T1 and other similar grade steels used in earthmoving equipments 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	Ni	Shielding Gas
<b>AWS Apec</b>	0.15 Max	1.20 - 2.25	0.8 Max	0.03 max	0.03 max	0.2 - 0.6	0.2 - 0.65	1.75 - 2.60	
<b>Typical</b>	0.10 max	1.7 - 1.9	0.45 max	0.03 max	0.03 max	0.3 - 0.45	0.35 -0.45	1.95 - 2.30	100 % Co2

### Mechanical Properties of Weld Metal

	AWS Specs	Typical
UTS	760 - 900 Min	810 - 850 Min
YS	680 Min	730 min
% Elongation	15 Min	20 Min
IMPACT	-51 Deg C = 27J	45 J Min
Shielding Gas		100% Co2

ISO 9001 Certified Company

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