



NOUVARC FC-5

Flux Cored Arc Welding Wires

E71T5 AWS A 5.20 E71 T-5

Application

NOUVARC FC-5 is a Basic type with excellent characteristic and it is suitable for steel with tensile strength upto 600 N/mmsq. Deposited metal shows superior crack resistance, excellent toughness at low temperature at -20 Deg C to -50 Deg Celsius. It is suitable for mild steel ,high tensile strength steel for ship building, machinery structures, bridge construction and heavy plant.

Chemical Composition of Weld Metal

	C	Mn	Si	P	S	Shielding Gas
AWS Specs	0.09 Max	1.0 - 1.5	0.60 Max	0.030 Max	0.030 Max	
Typical	0.06	1.32	0.37	0.013	0.012	100% Co2

Mechanical Properties of Weld Metal

	AWS Specs	Typical
UTS	550 - 690	550
YS	470 Min	500
% Elongation	22 Min	31
IMPACT	-30 Deg C = 27J	60J
Shielding Gas		100% Co2

ISO 9001 Certified Company

Nouveaux Industries (P) Ltd.,

2 Sowdambiga Nagar Tirupur Road
KANGAYAM TN INDIA

Ph. +91 4257 220192

Fax +91 4257 222628

e-mail : sales@nouveaux.in

www.nouveaux.in