

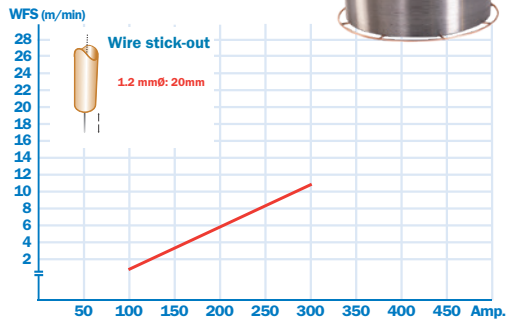
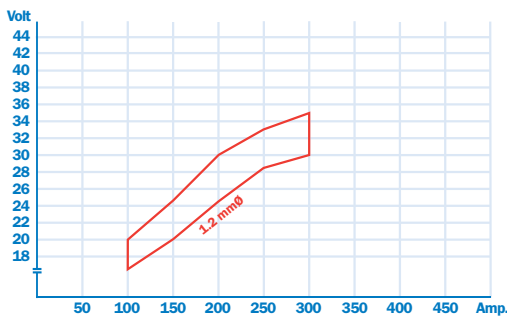
Description and Application

MX-A55Ni1 is a metal cored wire, which has been specially formulated to meet the rigorous demands for low temperature service steels.

MX-A55Ni1 fulfills the NACE requirements for oil and gas production equipment in sour gas service and these properties make for a varied range of usages in pipeline construction, offshore applications and pressure vessels.



Recommended Parameter Range, for flat position



Typical Chemical Analysis (wt. %)

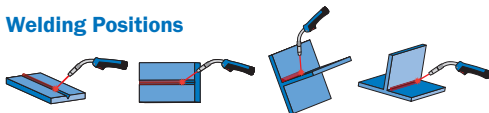
C	Si	Mn	P	S	Ni	Cr	Mo
0.05	0.34	1.67	0.007	0.008	0.86	-	-

Typical Mechanical Properties

	R _e (MPa)	R _m (MPa)	A ₅ (%)	CV(J)-60°C
	542	607	29	123
Guaranty	min.460	530~680	min.20	min.47

Example of Diffusible hydrogen content: 2.5 [ml/100g]

Welding Positions



Approvals

LR	DNV	BV	ABS	R.M.R.S	Others
-	-	-	-	-	CE