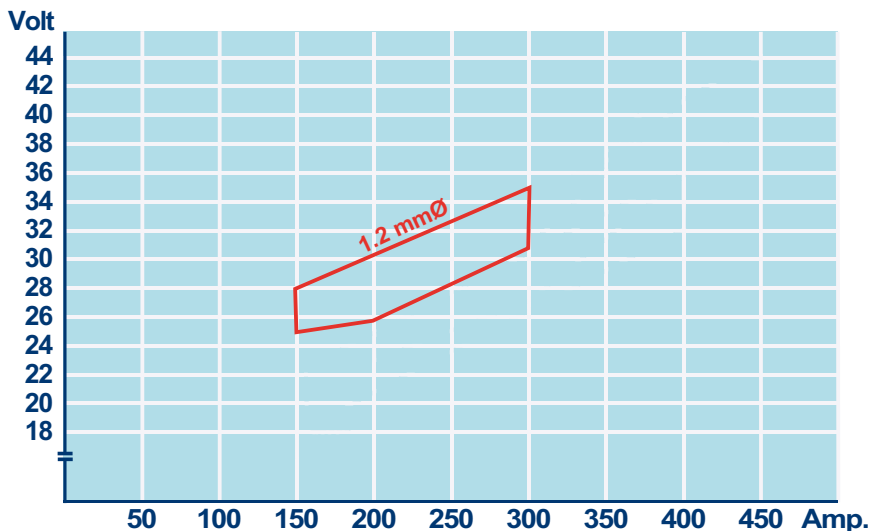


Description and Application

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



Chemical Analysis (wt.%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Shielding gas
MX-A55Ni1	0.05	0.34	1.67	0.007	0.008	0.86	-	-	80%Ar-20%CO ₂

Mechanical Properties

	R _e (N/mm ²)	R _m (N/mm ²)	A ₅ (%)	CV (J) -40°C	CV (J) -60°C	Shielding gas
MX-A55Ni1	542	607	29	152	123	80%Ar-20%CO ₂

Welding Positions

MX-A55Ni1
1.2mm



Approvals

	LR	DNV	BV	GL	ABS	R.M.R.S.	Others
MX-A55Ni1	-	-	-	-	-	-	-