PREMIARC™

MX-A410NiMo

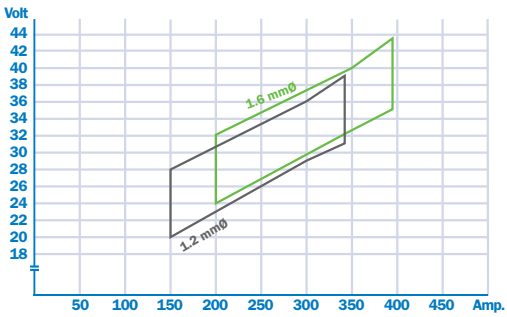
80%Ar - 20%CO_2
AWS A5.22 EC410NiMo
EN 1.4313

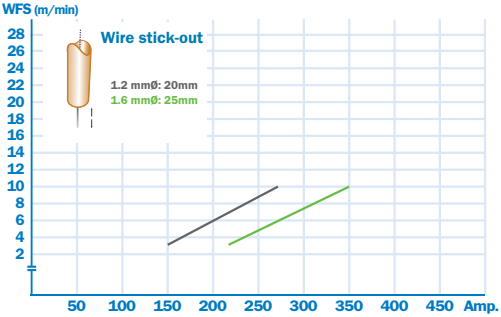
Description and Application

MX-A410NiMo is a metal cored wire for 13CrNi-Mo martensitic stainless steel.

Features of this wire is low hydrogen content and high strength in deposited weld metal. Due to its corrosion resistance combined with its high abrasion resistance, this wire finds widespread use for welding water turbines used in hydropower generation plants.

Recommended Parameter Range, for flat position





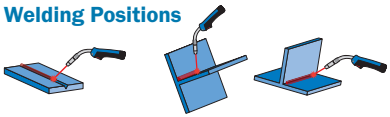
Typical Chemical Analysis (wt. %)

C	Si	Mn	P	S	Ni	Cr	Mo	N	Nb	FS	FN	FNW
0.02	0.23	0.46	0.021	0.005	4.4	11.8	0.61	-	-	-	-	-

Typical Mechanical Properties

	R_e(MPa)	R_m(MPa)	A_5(%)	CV(J)-20°C	CV(J)0°C	PWHT
	813	888	19	58	67	595°C x 8hrs AC
Guaranty	min.500	min.760	min.15			

Welding Positions



Approvals

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