FAMILIARC™

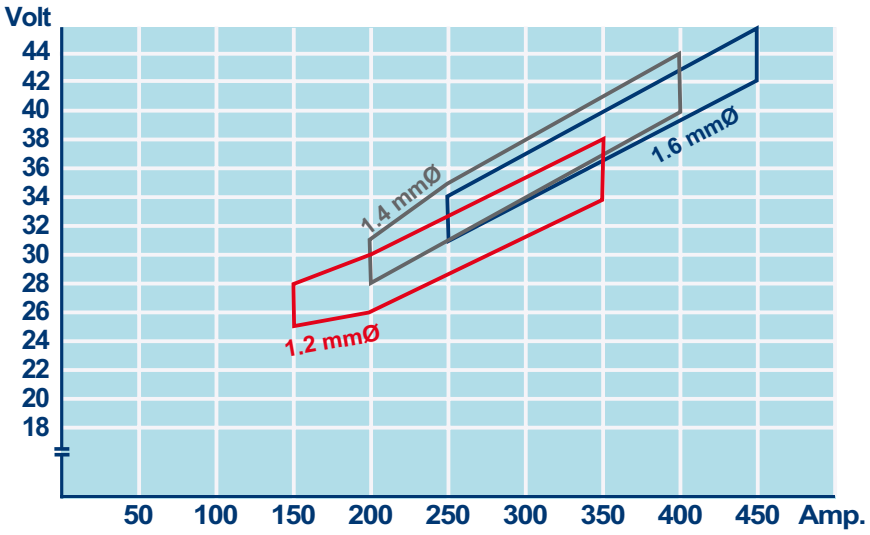
MX-A100

80%Ar - 20%CO_2
EN ISO 17632-A-T 42 4 M M 3 H5
AWS A5.18 E70C-6M

Description and Application

MX-A100 has a high percentage of metal powders in its core which provides many advantages over solid wire, such as high recovery along with high deposition. The deposition is offten as much as 20% or more than that of solid wires, due to superior weldability enabling the use of higher welding currents. This wire operates with a very stable smooth arc giving very little spatter and deep penetration. Slag removal between runs is not necessary because this wire produces almost no silicate slag, only a similar slag amount as solid wire. Thanks to its good arc re-striking characteristics combined with excellent wire feeding properties, this wire is an ideal choice for robotic or other kinds of mechanized welding applications.

Recommended Parameter Range, for flat position



Chemical Analysis (wt.%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Shielding gas
MX-A100	0.05	0.63	1.58	0.017	0.011	-	-	-	80%Ar-20%CO_2

Mechanical Properties

	R_e (N/mm^2)	R_m(N/mm^2)	A_5 (%)	CV (J) -30°C	CV (J) -40°C	Shielding gas
MX-A100	450	550	33	102	89	80%Ar-20%CO_2

Welding Positions

MX-A100
1.2, 1.4, 1.6mm

Approvals

	LR	DNV	BV	GL	ABS	R.M.R.S.	Others
MX-A100	3S,4YS	IVYMS	SA4YM	4YS	4YSA	4YMS	TÜV,DB