

Description and Application

MX-A100R has an exceedingly high percentage of metal powders in its core, up to +20% when compared to conventional metal cored wires. This wire achieves the highest possible productivity for fillet welds while at the same time providing ultra consistent performance coupled together with unsurpassed wire feeding capability.

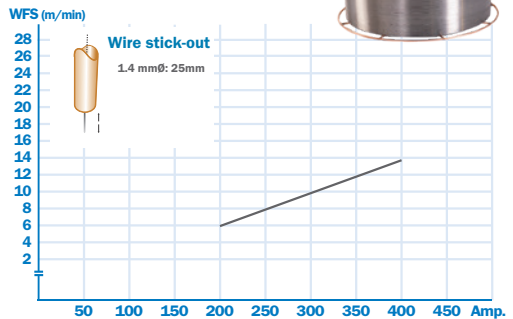
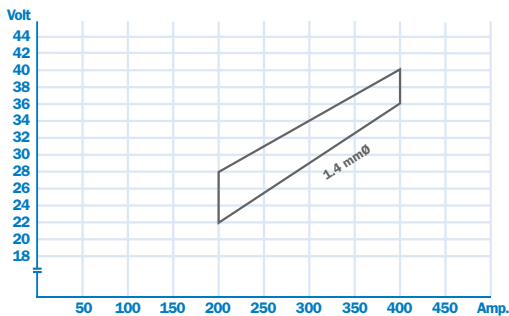
MX-A100R is optimized for high amperage robotic fillet welding and produces an excellent mitre fillet weld profile having a smooth transition with the base material.

Thanks to its good arc re-striking characteristics combined with excellent wire feeding properties,

MX-A100R is an excellent product for focusing on maximizing arc time, productivity, and finally maximizing profits for the customer.



Recommended Parameter Range, for flat position



Typical Chemical Analysis (wt. %)

C	Si	Mn	P	S	Ni	Cr	Mo
0.06	0.85	1.69	0.011	0.005	-	-	-

Typical Mechanical Properties

	R _e (MPa)	R _m (MPa)	A ₅ (%)	CV(J)-20°C
Guaranty	470	580	29	120
	min.420	500~640	min.20	min.47

Welding Positions



Approvals

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