Excellent Weldability and Bead Appearance Improved Metal Cored Wire FAMILIARC™ MX-A55S

KOBELCO
TECHNICAL FLASH
October 2020

NEW

FAMILIARC™

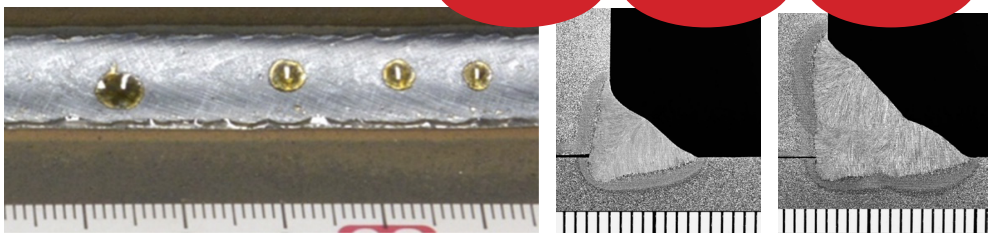
MX-A55S

80%Ar - 20%CO_2
EN ISO 17632-A-T 46 4 M M 1 H5
AWS A5.18 E70C-6M

VERSATILE
CONSISTANT
COMFORTABLE
SMOOTH
BENEFICIAL

Excellent Bead Appearance

SHINY FLAT SMOOTH



Single Pass Multi Pass

Features of the Improved FAMILIARC™ MX-A55S

Our metal cored wire, FAMILIARC™ MX-A55S, has been improved, and it is available at one of our professional welding distributors close to you.

You will find the improved FAMILIARC™ MX-A55S more welder friendly, producing less silicates, and a remarkably cleaner weld bead that will require less post weld dressing compared to the previous wire formulation.

The decrease in surface silicates will ensure higher productivity, increased arc time, and lower total cost, both for manual and robotic applications.

In terms of chemistry, classifications and other technical details, there are no changes from the current version.

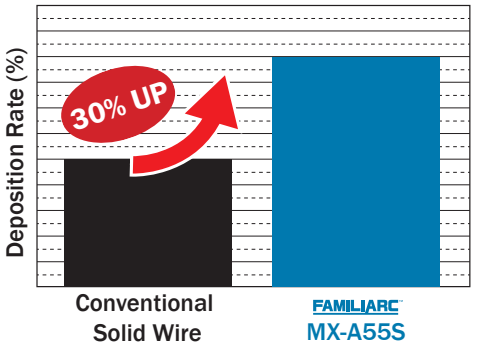
For those of you using solid wire, see the benefits by replacing your existing Ø 1.0 mm or Ø 1.2 mm solid to our Ø 1.2 mm or Ø 1.4 mm metal cored wires.

If you still haven't tested our FAMILIARC™ MX-A55S, maybe it's time to put it up against your current metal cored wire, and see for yourself what a KOBELCO metal cored wire can do for you in your application.

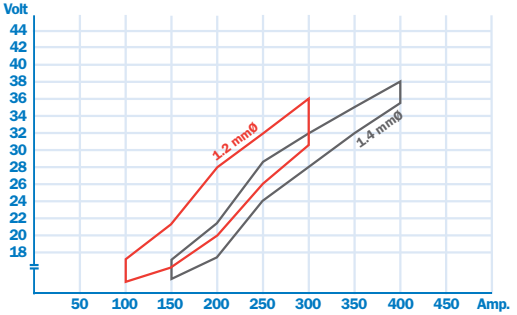
KOBELCO metal cored wires are widely used, and highly appreciated by fabricators and industries that are focusing on the highest performance in arc time, productivity, and weld metal integrity.

If you have any further questions don't hesitate to contact us at marketing@kobelcowelding.nl

High Efficiency



Wide Applicable Range



Typical All Weld Metal Properties

Typical Chemical Analysis (wt. %)

Polarity	C	Si	Mn	P	S	Ni	Cr	Mo
DC+	0.08	0.60	1.43	0.008	0.009	-	-	-
DC-	0.08	0.50	1.39	0.009	0.009	-	-	-

Typical Mechanical Properties

Polarity	R_e(MPa)	R_m(MPa)	A_5(%)	CV(J)-30°C	CV(J)-40°C
DC+	510	600	30	122	110
DC-	523	604	29	130	116
Guaranty	min.460	530~680	min.20	min.47	min.47

Example of Diffusible hydrogen content: 3.1 [ml/100g]