

# Flux Cored Wire for 460MPa Yield Strength Steel

## FAMILIARC™ DW-A55S

# KOBELCO

## TECHNICAL FLASH

**NEW**

### FAMILIARC™ DW-A55S

80%Ar - 20%CO<sub>2</sub>  
EN ISO 17632-A-T46 3 P M 1 H5  
AWS A5.20 E71T-1M

VERSATILE

CONSTANT

COMFORTABLE

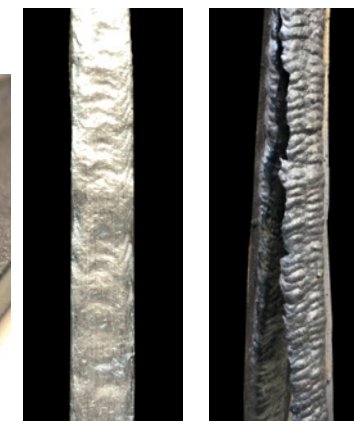
REMARKABLE

BENEFICIAL

### Excellent Weldability of FAMILIARC™ DW-A55S



Horizontal Fillet (PB) Welding



Vertical-up Fillet (PF)

Vertical-up Butt Joint (PF) Cap Pass

### Features of the FAMILIARC™ DW-A55S

Our newly developed FAMILIARC™ DW-A55S for 460MPa yield strength steel is now available from one of our professional welding distributors close to you. FAMILIARC™ DW-A55S is an all position gas shielded rutile flux cored wire with excellent weldability.

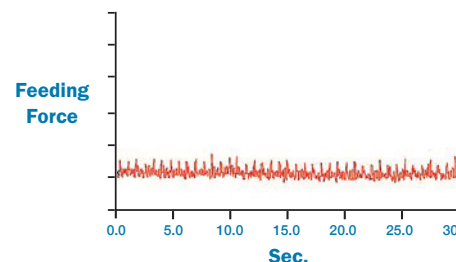
FAMILIARC™ DW-A55S is specifically designed for welding with M21 gas. Arc stability is excellent, and the slag removability as well. FAMILIARC™ DW-A55S has a wider applicable welding condition than solid wire especially for vertical up position.

For those of you using solid wire, see the benefits by replacing your existing solid wire to our KOBELCO FCW.

If you still haven't tested our FAMILIARC™ DW-A55S, it is time to see for yourself what a KOBELCO welding consumables can do for you in your application. KOBELCO can provide consistent high quality from batch to batch, achieved when cored wire is manufactured under strict control.

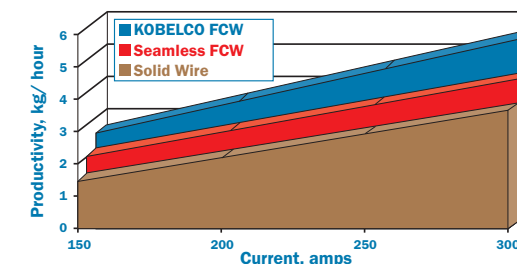
As the leading expert and manufacturer in flux cored wires KOBELCO have the products, and solutions, for you and the challenges you are facing daily. Implement KOBELCO products in your welding applications, and see for yourself how the world-renowned KOBELCO quality flux cored wire can improve your productivity, your quality, and finally your profit.

**CONSTANT QUALITY**



Wire Feedability  
6m Torch Testing

**EFFICIENCY**



Productivity

### Typical All Weld Metal Properties

#### Typical Chemical Analysis (wt. %)

C	Si	Mn	P	S	Ni	Cr	Mo
0.05	0.51	1.28	0.010	0.009	-	-	-

#### Typical Mechanical Properties

	R <sub>e</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	CV(J)-20°C	CV(J)-30°C
	535	600	26	120	100
Guaranty	min.460	530~670	min.22	-	min.47

Example of Diffusible hydrogen content: 4.3 [ml/100g]

If you have any further questions don't hesitate to contact us at [marketing@kobelcowelding.nl](mailto:marketing@kobelcowelding.nl)