

SAFDUAL R71

TOP FEATURES

- General purpose rutile flux cored wire for welding of unalloyed steels in all welding positions.
- Product design, deep penetration and outstanding weldability make this wire an ideal solution for shipbuilding applications.
- It can be used in manual and mechanized processes, very well suited for use on ceramic backing and with long liner.
- Increased productivity and savings in total welding cost comparing to welding with manual stick electrodes.

CLASSIFICATION

AWS A5.20	E71T1-1/9M H8
	E71T1-1/9C H8
EN ISO 17632-A	T 46 2 P M 1 H10
	T 42 2 P C 1 H10

CURRENT TYPE

DC+

WELDING POSITIONS

All positions

SHIELDING GASES (ACC. EN ISO 14175)

M21	Mixed gas Ar+ >15-25% CO ₂
C1	Active gas 100% CO ₂

APPROVALS

ABS	LR	BV	DNV	RINA	RMRS	CRS	PRS
+	+	+	+	+	+	+	+

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

C	Mn	Si	P	S
0.05	1.3	0.40	≤0.015	≤0.015

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) -20°C
Typical values	C1	AW	≥530	≥590	≥25	≥47

* AW = As welded

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.2	SPOOL (B300)	16.0	W000387318

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:



Subject to Change – The information is accurate to the best of our knowledge at the time of printing.
Please refer to www.lincolnelectric.eu for any updated information.