

Innershield® NR®-203MP

TOP FEATURES

- Designed to handle poor fit-up on heavy wall tubes and gaps up to 9.5 mm (3/8 in) with 6.4 mm (1/4 in) offset
- Fast freezing slag with excellent wash-in
- Root bead capability without back-up bars

TYPICAL APPLICATIONS

- General plate fabrication, including bridge fabrication, hull plate and stiffener welding on ships and barges
- Storage tanks
- Structural welding
- Offshore welding in TKY joints

CLASSIFICATION

A5.36 E71T-8-JH8
E71T8-A4-CS3-H8

CURRENT TYPE

DC -

WELDING POSITIONS

All

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

C	Mn	Si	P	S
0.04-0.07	1.35-1.47	0.22-0.32	≤0.01	≤0.01

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J)	
					-29°C	-40°C
Required: AWS A5.36		min. 400	480-655	22		27
Typical values	AW	415-440	510-545	29-33	75-203	68-224

* AW = As welded

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.7	SPOOL	11.3	ED030640
2.0	COIL	6.4	ED021604

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.