

# Lincore® 55-G

## TOP FEATURES

- To be used on carbon steel and low alloy steel
- Unlimited layers with proper preheat and interpass temperatures and procedures
- Produces a deposit which resists metal-to-metal wear and mild abrasion

## TYPICAL APPLICATIONS

- Brake, Bucket, Crane, Crush, Cut
- Drag, Drive, Drum, Extrusion, Hammer
- Ingot, Kiln, Loader, Logging, Mill
- Mine Car, Mix, Open Hearth, Plate, Power Generation
- Rail, Roll, Shovel, Sinter, Teeth, Tractor, Wheel

## CLASSIFICATION

EN ISO T Fe2

## WELDING POSITIONS

All

## SHIELDING GASES (ACC. EN ISO 14175)

75-90% Argon /  
Balance CO<sub>2</sub>  
98% Argon / 2% O<sub>2</sub>

## MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)
Typical values					

## PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1,3	SPOOL	11.3	ED037409
1.1	SPOOL	4.5	ED036444
	DRUM	227.0	ED028176
1.3	DRUM	227.0	ED031475
	DRUM	227.0	ED037410
1.6	SPOOL	11.3	ED028177
	DRUM	90.0	ED037525
	DRUM	113.3	ED036653
	DRUM	227.0	ED032661

### 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](http://www.lincolnelectric.eu) for any updated information.