

ENGINEERED SOLUTIONS



FLUX-CORED WIRE LA T-91 LMN



ARCAL™ 211

PREMIUM QUALITY

- Low Fume, Low Manganese single-or multi-pass all position flux-cored wire
- Designed to weld carbon steels requiring mechanical properties down to -30°C (-20°F) when using ARCAL™ 211 and Ar/CO₂ shielding gases containing up to 80%Ar/20%CO₂
- Ideal for welding steel grades ASTM A36, A515 Gr. 70, A516 Gr. 70 and other fine grain steels.
- Optimized blend of Argon with controlled additions of CO₂ and He
- Increases travel speed and wetting action
- Delivers the lowest fume emissions
- Increased melt-off rates and lower spatter level resulting in better productivity and decreased overall welding cost
- Superior mechanical properties and optimized bead profile
- The ideal "clean" alternative to standard CO₂ and Ar/CO₂ mixtures
- Create a cleaner, safer, more productive work environment by combining Arcal™ 211 with our low manganese and low fume filler metals

EXCEPTIONAL RESULTS

Up to 88% lower manganese in weld fumes when used with ARCAL™ 211**

- Up to 88% lower manganese in weld fume when used with ARCAL™ 211 as compared to E71T1 with CO₂
- Up to 64% lower manganese in weld fume when used with BLUESHIELD™ 8 as compared to E71T1 with BLUESHIELD™ 8

Up to 80% fume reduction when used with ARCAL™ 211**

- Up to 80% fume reduction when used with ARCAL™ 211 as compared to E71T1 with CO₂
- Up to 46% fume reduction when used with ARCAL™ 211 as compared to E71T1 with BLUESHIELD™ 8

The LA T-91 LMN has been created to ensure welder health and safety. Its low manganese levels and low fume generation breaks new ground in consumable performance.

LA T-91 LMN TYPICAL CHEMISTRY

WEIGHT %	C	Mn	P	S	Si	Ni
ARCAL™ 211	0.05	0.34	0.006	0.009	0.59	0.49
BLUESHIELD™ 8	0.04	0.37	0.004	0.010	0.56	0.46

**Values based on controlled laboratory testing. Multiple shop process variables can impact results from application to application.