



S. R. Industries

STAR ARC E8018-C2

E8018-C2 is an outstanding electrode that is designed for 80,000 tensile strength applications as well as 2%-4% nickel applications. This electrode provides excellent puddle control with good wetting action and tie in. The electrode offers good arc characteristics and easy slag removal.

Applications

- Shipbuilding
- Storage tanks
- Piping and tanks used in storage of gases

AWS Specification :

AWS A5.5/A5.5M:2006	AWS Classification E8018-C2 H4
Welding Current : AC - DCEP	Welding Position : F,V,OH,H

Typical Wire Chemistry :

- C 0.12
- Mn 1.25
- Si 0.80
- Ni 3.00 - 3.75
- P 0.03
- S 0.03

Typical Mechanical Properties (As Welded)

Yield Strength, ksi	82
Tensile Strength, ksi	95
Elongation%, min	24

Available Diameters : 3/32", 1/8", 5/32" & 3/16"

Operating Range in Amps :

3/32"	70 - 100
1/8"	115 - 155
5/32"	135 - 185
3/16"	200 - 275

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