

Postle Industries • Cleveland, OH USA • Telephone: 216-265-9000 • Fax: 216-265-9030

Ideal for use on manganese steel. Under severe impact, such as hammering or pounding, deposits quickly become tougher and harder. Produces high-strength, non-cracking deposits that are tough, ductile and work-harden rapidly. The high yield strength reduces mushrooming from impact.



RR Frog

Specifications

Product Type

Flux-coated electrode

Also available as a semi-automatic wire - Postalloy® FrogTuff-FCO

Weld Deposit Properties

Tensile Strength: 125,000psi

Yield Strength: 80,000psi

Elongation: 34%

Hardness as deposited: 15-22Rc

Work hardens in service to: 45-55Rc

Deposit Thickness: as required

Machinability: poor

Can be flame-cut

Applications

Railroad frogs

Manganese crossovers

Postalloy® FrogTuff Welding Parameters

Current: AC or DC Reverse

Diameter	Amps
1/8" (3.1mm)	80-125
5/32" (4.0mm)	120-150
3/16" (4.8mm)	140-175
7/32" (5.6mm)	150-190

Welding Procedure

Please consult our Railroad Track Procedures Manual.

Packaging Options

Standard Packaging

Plastic Resealable Box: 10 lbs

