



EAGLE 823 FGS

*Superior Gas Shielded Flux Cored All Position Wire
For Joining Carbon Steel.*

APPLICATIONS

For welding pipe steels, fine grain steels, earth moving equipment, mining equipment and where single or multi pass welds are required on carbon steel.

PROCEDURE

Use DC Reverse [+] Polarity. Use the grinding method or remove fatigued metal using the **EAGLE 188**. Use lowest effective amperage while maintaining a 1/2 - 3/4 inch stick out length. Use the stringer bead technique for maximum strength.

GENERAL CHARACTERISTICS

The **EAGLE 823 FGS** is an all position flux cored wire designed to produce superior weldments using 75/25% AR/CO₂ or 100% CO₂ shielding gas. The soft stable arc and the fast-freeze weld puddle makes out of position welding easier to control and with very little spatter.

TECHNICAL DATA

Tensile Strength: Approx. 80,000 - 86,000 psi
Yield Strength: Approx. 71,000 - 74,000 psi
Elongation: Approx. 27 - 29%
Current: DC Reverse [+] Polarity

WELDING PARAMETERS

Sizes:	Inches	0.35	0.45	1/16
	mm	0.90	1.20	1.60
Volts:		22 - 30	24 - 25	24 - 36
Amperage:		120 - 250	120 - 300	180 - 350
Gas Flow:		30 - 50 CFH		
Shielding Gas:		75/25% AR/CO ₂ or 100% CO ₂		



≡ HIGH QUALITY WELDING PRODUCTS ≡

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FOR TECHNICAL ASSISTANCE CALL US TOLL FREE 1-800-447-1415

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