



EAGLE 1850 FC

Flexible Flux Coated High Strength Nickel Silver

APPLICATIONS

Low temperature alloy used for build-up and to join carbon steels, alloy steels and cast Iron. Build-up on gear teeth, bearings, shafts, pistons and valve seats.

PROCEDURE

Clean rust, dirt and grease from the parent metal. Use a neutral flame, pre-heat the general area to 700° F and then heat the joint area to 1200° F. Melt a small amount of flux off the end of the rod and allow it to flow throughout the weld area. Then add the **EAGLE 1850 FC** alloy. Allow work piece to cool before removing the flux residue.

GENERAL CHARACTERISTICS

The **EAGLE 1850 FC** is a flux coated nickel silver alloy that produces a deposit with excellent corrosion resistance, high ductility and good resistance to friction. It is fully machinable and has good work hardening capabilities.

TECHNICAL DATA

Tensile Strength: Approx. 70,000 psi
Yield Strength: Approx. 60,000 psi
Elongation: Approx. 25% - 28%
Work Hardens (BN) Approx. 260
Working Temperature: 1595 °F / 878 °C
Melting Point: 1583 °F / 870 °C

WELDING PARAMETERS

Use Neutral Flame

Sizes:	Inches	1/8	5/32	3/16
	mm	3.25	4.00	5.00



≡ HIGH QUALITY WELDING PRODUCTS ≡

10077 - 166 STREET, EDMONTON, ALBERTA T5P 4Y1 • BUS: (780) 481-8082
FOR TECHNICAL ASSISTANCE CALL US TOLL FREE 1-800-447-1415