



QUADCARB 42FCO

DESCRIPTION

Quadcarb 42FCO is a high initial hardness build-up wire with excellent abrasion coupled with impact resistance. Recommended for applications where weld deposits are used in quarrying operations where edge retention is a must. It is machinable as welded. Use on manganese and all steels.

TYPICAL APPLICATIONS

- Quarry Components
- Steel Mill Parts
- Earth Moving Equipment
- Mining Equipment
- Gear Teeth
- Key Ways
- Carbon Steel Railroad Track Components

TECHNICAL DATA

Wire Type: Flux-Cored, Open Arc or Gas Shielded, Deposits are Slag Free

Alloy Elements: Carbon, Chromium, Manganese, Nickel, and Silicon

Weld Deposit: Hardness: 30-48Rc

As Deposited: 18-28 Rc

Tensile Strength: 120,000 PSI

Elongation: (2" Bar) = 32%

Yield Strength: 80,000 PSI

AVAILABILITY

.045" on 25 lb. spools

1/16" on 25 lb. spools

7/64" on 60 lb. coils/drums on request