



## **QUADCARB 742 FCNS**

### **DESCRIPTION**

Quadcarb 742 FCNS is a premiere, slagless, work-hardening austenitic manganese flux-cored wire alloy with chromium and boron to improve weld deposit properties. It is designed for build-up and fabricating of manganese steel. Deposits are extremely tough, and work-harden rapidly under high impact. The deposited hardness is significantly higher than standard type chromium/manganese overlays. The deposits exhibit a fast freeze quality that enables a welder to position his weld exactly where he wants it without run-off.

### **TECHNICAL DATA**

Wire Type: Flux-Cored, Slagless Open-Arc Buildup/Hardface Wire  
Alloy Elements: Carbon, Chromium, Manganese, Boron, and Silicon  
Weld Deposit: Hardness as Deposited: 32-36Rc  
Work-Hardened: 52Rc  
Elongation: 24%  
Tensile Strength: 120,000 PSI  
Deposits Cannot be Flame Cut  
Deposits are Non-Machinable

### **AVAILABILITY**

.045" on 25 lb. spools  
1/16" on 25 lb. spools  
7/64" on 55 lb. coils  
1/8" in 250 or 500 lb. barrels