



QUADCARB 455 FC-O

DESCRIPTION

Quadcarb 455 FC-O is a premiere complex carbide work-hardening austenitic chromium and manganese steel deposit with niobium and boron to improve as-weld deposit properties. G65 tests produce results indicating 5 to 6 times the abrasion resistance of an austenitic manganese deposit. Deposits are extremely tough and work-harden rapidly in-service under high impact. The deposited hardness is significantly higher than standard type chromium/manganese overlays.

TECHNICAL DATA

Wire Type: Flux-Cored, Slagless Open-Arc Buildup/Hardface Wire

Alloy Elements: Carbon, Chromium, Manganese, Titanium, Niobium and Silicon

Weld Deposit: Hardness as Deposited: 32-36HRc

Elongation: 24%

Tensile Strength: 120,000 psi

Work-Hardened: 52Rc

Deposits Cannot be Flame Cut

Deposits are Non-Machinable

Deposit Layers: Unlimited

AVAILABILITY

.045" on 33 lb. spools

1/16" on 33 lb. spools

7/64" on 60 lb. coils

1/8" in 250 lb. or 500 lb. barrels