

Omega[®] Flux Core

Flux Core Arc Welding (FCAW -Wire)

For hardfacing all ferrous metals requiring excellent abrasion resistance under impact.

Features

- Hardness 50-54 RC
- Carbide and Austenite Structure
- 88-90% Efficiency
- High Deposition Rate
- Shock Resistant
- Excellent Wear and Abrasion Resistance
- Excellent Self-Shielded Running Characteristics
- Magnetic

Characteristics

Omega Flux Core is a self-shielded general purpose hardfacing wire. Its exceptionally high chrome content provides resistance to the combined forces of abrasion and impact.

Omega Flux Core has great versatility and exhibits excellent running characteristics with a high bead contour and high deposition rate.

Technical

| Inches | .045 | 1/16 |
|-----------|-----------|-------------|
| (mm) | (1.2) | (1.6) |
| Volts | 15-26 | 26-30 |
| Amps | 100-250 | 150-380 |
| Stick Out | 3/4" - 1" | 1" - 1-1/2" |

Use Reverse Polarity (DCEP)

Shielding Gas Options

Not required. However, 100% CO₂ will enhance weld bead and lessen spatter.

Application

Proven applications include hardfacing crusher rolls and liners, breaker bars, bucket teeth, hammer mill hammers, pump impeller and liners.

We recommend **Gemini Anti-Spatter spray** for lasting protection of your contact tip and MIG nozzle (see chemical aids in Abrasives & Metal Working products section).

Spool Sizes

- 25# Available in 1/16" and .045