



SelectWear 62

Description

SelectWear 62 is an economical, iron based alloy containing chromium carbides and multiple secondary carbides. It has high abrasion resistance and moderate resistance to impact. **SelectWear 62** is designed for one or two layer deposits. The deposit will stress relief cross crack and it is not machinable.

Alloy Group

Complex Carbide

Applications

Designed for metal-to-earth wear resistance: Grinding/pulverizing rolls and table segments, wear plates, clad pipe, fan and mixer blades

Deposit Properties

- Chemistry: Fe-Cr-Mo-V-B-C
- Hardness (2 layers): Rc 62-66
- Non-machinable
- Deposits will cross crack

Weld Parameters

62-MCO - Open arc, metal cored wire

<u>Diameter</u>	<u>Polarity</u>	<u>Current (amps)</u>	<u>Voltage</u>	<u>ESO</u>
.045"	DCEP	150-200	23-27	1/2"-1"
1/16"	DCEP	200-270	24-28	3/4"-1 1/4"

62-MCG - Gas shielded, metal cored wire (Ar-2% O₂ or Ar-CO₂ mixtures)

.045"	DCRP	180-300	27-33	1/2"-1"
1/16"	DCRP	240-450	26-35	3/4"-1 1/4"

Note: Listed parameters are for 75% Ar-25% CO₂ shielding. Lower voltage for higher argon levels.

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Notice: The results reported are based upon testing of the product under controlled laboratory conditions in accordance with American Welding Society Standards. Actual use of the product may produce different results due to varying conditions. An example of such conditions would be electrode size, plate chemistry, environment, weldment design, fabrication methods, welding procedure and service requirements. Thus the results are not guarantees for use in the field.