Carbide Bearing Hardfacing Electrodes and Wires

Designed for high abrasion resistance in low to moderate impact situations.

High Abrasion, Minimal Impact Resistance

Superior Advantages

- Minimal base metal dilution
- Maximum recovery (95% versus 65% typical)
- 1/4" diameter provides good out-of-position welding
- Good edge control

Applications

- Dredge pumps
- Screw conveyors
- Chutes for transporting sand and gravel
- Bucket lips
- Skid pads

Certanium® Alloys

248 Tubular Electrode

Corrosion resistance on carbon and alloy steels

Hardness: Rc 59 (2nd pass)

No. of Passes: Two maximum

Polarity: AC or DC Straight

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
1/4	80 – 130	**P12996**	15
1/2	190 – 260	**P12997**	15

Not recommended for 11% – 14% manganese

Cronatron Alloys

246 Tubular Electrode

Use on manganese and carbon steels

Hardness: Rc 60 (2nd pass)

No. of Passes: Three maximum

Polarity: AC or DC

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
1/4*	80 – 130	**P12998**	15
1/2	200 – 260	**P12999**	15

**Can be used for out-of-position welding*

7330/7355 Tubular Electrode

High abrasion and heavy impact resistance for austenitic manganese steel

Hardness: Rc 62 (2nd pass)

No. of Passes: Up to three

Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
1/4*	75 – 150	**CW1918**	10
3/8	75 – 200	**CW1913**	25
1/2	140 – 300	**CW1914**	25

**Can be used for out-of-position welding*

7370 Tubular Electrode

Corrosion-resistant stabilized chrome carbide

Hardness: Rc 64 (2nd pass)

Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/8	75 – 200	**CW1919**	25
1/2	140 – 300	**CW1920**	25

Not recommended for manganese steel

7310M-FC MIG Wire

Chrome carbide alloy for severe abrasion and impact

Hardness: Up to Rc 57 (3rd pass)

No. of Passes: Up to three

Polarity: DC Reverse

Gas: None or 75% Ar, 25% CO_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.045	**CW1804**	10
.045	**CW1803**	25
1/16	**CW1785**	25
7/64	**CW1927**	55