

# Arcair<sup>®</sup> Professional Air Carbon-Arc Electrodes

Arcair<sup>®</sup>

## Features & Benefits

Designed specifically for the air carbon-arc process

- \* Contain a precise formulated blend of carbon and graphite
- \* Produces the most efficient metal removal performance in today's market
- \* Superior metal removal rates, cool operation, and uniform diameters

Ideal for a broad range of applications

- \* Creating U-grooves for weld joint
- \* Removing old welds
- \* Gouging out cracks
- \* Cleaning and repairing castings
- \* Removing hard surface material
- \* Rough machining



## POINTED COPPLERCLAD DC ELECTRODES

| Part No.     | Description                    | Application   |
|--------------|--------------------------------|---|
| 22-023-003 * | 1/8" (3.2 mm) x 12" (30.5 cm)  | A standard, all purpose gouging electrode. Its controlled copper coating improves electrical conductivity (for more efficient, cooler operation) and helps maintain electrode diameter at the point of the arc. |
| 22-983-003   | 5/32" (4.0 mm) x 12" (30.5 cm) |   |
| 22-033-003   | 3/16" (4.8 mm) x 12" (30.5 cm) |   |
| 22-043-003   | 1/4" (6.4 mm) x 12" (30.5 cm)  |   |
| 22-053-003   | 5/16" (7.9 mm) x 12" (30.5 cm) |   |
| 22-063-003   | 3/8" (9.5 mm) x 12" (30.5 cm)  |   |
| 22-082-003   | 1/2" (12.7 mm) x 14" (35.6 cm) |   |

Note: Standard 50 pieces per carton unless noted

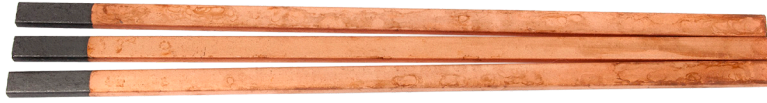
\* 100 pieces per carton



## POINTED PLAIN DC ELECTRODES

| Part No.   | Description                    | Application  |
|------------|--------------------------------|--|
| 21-983-003 | 5/32" (4.0 mm) x 12" (30.5 cm) | General purpose electrodes without the copper plating to avoid any chance of copper contamination in the base material. Same high quality blend of carbon and graphite used in other electrodes. |
| 21-033-003 | 3/16" (4.8 mm) x 12" (30.5 cm) |  |
| 21-043-003 | 1/4" (6.4 mm) x 12" (30.5 cm)  |  |
| 21-053-003 | 5/16" (7.9 mm) x 12" (30.5 cm) |  |
| 21-063-003 | 3/8" (9.5 mm) x 12" (30.5 cm)  |  |
| 21-083-003 | 1/2" (12.7 mm) x 14" (35.6 cm) |  |

Note: Electrodes will glow incandescent due to not having the copper plating and a penciling affect will take place along the outside diameter of the electrode. Standard 50 pieces per carton unless noted



## FLAT COPPERCLAD DC ELECTRODES

| Part No.   | Description                                     | Application   |
|------------|---|---|
| 35-099-003 | 5/8" (15.9 mm) x 3/16" (4.8 mm) x 12" (30.5 cm) | Specially designed for close tolerance metal removal and scarfing applications. Excellent for general gouging applications, removing weld crowns, repairing or making dies, removing temporary welded dogs, and scarfing billets. |
| 35-033-003 | 3/8" (9.5 mm) x 5/32" (4.0 mm) x 12" (30.5 cm)  |   |

Note: Standard 50 pieces per carton unless noted



## HALF ROUND COPPERCLAD DC

| Part No.   | Description                    | Application   |
|------------|--------------------------------|---|
| 25-103-003 | 5/8" (15.9 mm) x 12" (30.5 cm) | Versatility of having both a round and flat electrode for the various gouging applications. Excellent for removing weld crowns, repairing or making dies, removing temporary welded dogs, and scarfing billets. |

Note: Standard 50 pieces per carton unless noted

## JOINTED JETRODS<sup>®</sup> COPPERCLAD DC

| Part No.   | Description                    | Application   |
|------------|--------------------------------|---|
| 24-052-003 | 5/16" (7.9 mm) x 14" (35.6 cm) | Provides continuous electrode feed and increased savings, especially in production operations. Suited for both hand held foundry applications and or automated gouging systems. |
| 24-062-003 | 3/8" (9.5 mm) x 14" (35.6 cm)  |   |
| 24-064-003 | 3/8" (9.5 mm) x 17" (43.2 cm)  |   |
| 24-082-003 | 1/2" (12.7 mm) x 14" (35.6 cm) |   |
| 24-084-003 | 1/2" (12.7 mm) x 17" (43.2 cm) |   |
| 24-104-003 | 5/8" (15.9 mm) x 17" (43.2 cm) |   |
| 24-124-003 | 3/4" (19.5 mm) x 17" (43.2 cm) |   |

Note: Standard 100 pieces per carton unless noted

## POINTED COPPERCLAD AC ELECTRODES

| Part No.   | Description                    | Application   |
|------------|--------------------------------|---|
| 20-033-003 | 3/16" (4.8 mm) x 12" (30.5 cm) | Designed for use with A.C. power supplies. Rare earth material is added to the electrodes to stabilize the arc and enhance the operating characteristics. |
| 20-043-003 | 1/4" (6.4 mm) x 12" (30.5 cm)  |   |
| 20-063-003 | 3/8" (9.5 mm) x 12" (30.5 cm)  |   |