

Arcair® Air Carbon-Arc Electrodes

Features & Benefits

DESIGNED SPECIFICALLY FOR THE AIR CARBON-ARC PROCESS

- Contain a precise formulated blend of carbon and graphite
- 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 Copperclad DC Electrodes

Part No.	Description	Application
22-023-003*	1/8" (3.2 mm) x 12" (30.5 cm) CCDC Pointed	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) CCDC Pointed	
22-033-003	3/16" (4.8 mm) x 12" (30.5 cm) CCDC Pointed	
22-043-003	1/4" (6.4 mm) x 12" (30.5 cm) CCDC Pointed	
22-053-003	5/16" (7.9 mm) x 12" (30.5 cm) CCDC Pointed	
22-063-003	3/8" (9.5 mm) x 12" (30.5 cm) CCDC Pointed	
22-082-003	1/2" (12.7 mm) x 14" (35.6 cm) CCDC Pointed	

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) CCDC Pointed	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) CCDC Pointed	
21-043-003	1/4" (6.4 mm) x 12" (30.5 cm) CCDC Pointed	
21-053-003	5/16" (7.9 mm) x 12" (30.5 cm) CCDC Pointed	
21-063-003	3/8" (9.5 mm) x 12" (30.5 cm) CCDC Pointed	
21-063-003	3/8" (9.5 mm) x 12" (30.5 cm) CCDC Pointed	

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

Pointed Copperclad AC Electrodes

Part No.	Description	Application
20-033-003	3/16" (4.8 mm) x 12" (30.5 cm) CCAC Pointed	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. 12" long
20-043-003	1/4" (6.4 mm) x 12" (30.5 cm) CCAC Pointed	
20-063-003	3/8" (9.5 mm) x 12" (30.5 cm) CCAC Pointed	

Flat Copperclad DC Electrodes

Part No.	Description	Application
35-099-003	3/8" (9.5 mm) x 5/32" (4.0 mm) x 12" (30.5 cm) CCDC Flat	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	5/8" (15.9 mm) x 3/16" (4.8 mm) x 12" (30.5 cm) CCDC Flat	

Note: Standard 50 pieces per carton unless noted

Half Round Copperclad DC Electrodes

Part No.	Description	Application
25-103-003	5/8" (15.9 mm) x 5/16" (7.9 mm) x 12" (30.5 cm) CCDC Half-Round	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® Copperclad DC Electrodes

Part No.	Description	Application
24-052-003	5/16" (7.9 mm) x 14" (35.6 cm) CCDC Jointed	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) CCDC Jointed	
24-064-003	3/8" (9.5 mm) x 17" (43.2 cm) CCDC Jointed	
24-082-003	1/2" (12.7 mm) x 14" (30.5 cm) CCDC Jointed	
24-084-003	1/2" (12.7 mm) x 17" (43.2 cm) CCDC Jointed	
24-104-003	5/8" (15.9 mm) x 17" (43.2 cm) CCDC Jointed	
24-124-003	3/4" (19.05 mm) x 17" (43.2 cm) CCDC Jointed	
24-124-003	3/4" (19.05 mm) x 17" (43.2 cm) CCDC Jointed	

Note: Standard 100 pieces per carton unless noted

CutSkill® Air Carbon-Arc Electrodes

CutSkill Electrodes

Pointed Copperclad DC Electrodes

Part No.	Description	Application
22-033-003C	3/16" (4.8 mm) x 12" (30.5 cm) CCDC Pointed	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.
22-043-003C	1/4" (6.4 mm) x 12" (30.5 cm) CCDC Pointed	
22-053-003C	5/16" (7.9 mm) x 12" (30.5 cm) CCDC Pointed	
22-063-003C	3/8" (9.5 mm) x 12" (30.5 cm) CCDC Pointed	

Note: Standard 50 pieces per carton unless noted
* 100 pieces per carton

Hollow Pointed Copperclad DC Electrodes

Part No.	Description	Application
22-033-003HC	3/16" (4.8 mm) x 12" (30.5 cm) CCDC Pointed	General purpose electrodes having the same high quality blend of carbon and graphite used in other electrodes, but with a hole down the center of the electrode..
22-043-003HC	1/4" (6.4 mm) x 12" (30.5 cm) CCDC Pointed	
22-053-003HC	5/16" (7.9 mm) x 12" (30.5 cm) CCDC Pointed	
22-063-003HC	3/8" (9.5 mm) x 12" (30.5 cm) CCDC Pointed	
22-082-003HC	1/2" (12.7 mm) x 14" (35.6 cm) CCDC Pointed	

Note: Standard 50 pieces per carton

Jointed Copperclad DC Electrodes

Part No.	Description	Application
24-064-003C	3/8" (9.5 mm) x 17" (43.2 cm) CCDC Jointed	Provides continuous electrode feed for greatly increased savings, especially in production operations.
24-084-003C	1/2" (12.7 mm) x 17" (43.2 cm) CCDC Jointed	
24-104-003C	5/8" (15.9 mm) x 17" (43.2 cm) CCDC Jointed	
24-124-003C	3/4" (19.05 mm) x 17" (43.2 cm) CCDC Jointed	
24-164-003C*	1" (25.4 mm) x 17" (43.2 cm) CCDC Jointed	

Note: Standard 100 pieces per carton unless noted
* - 25 pieces per carton

ELECTRODES

Welding Carbon Products

Carbon Plates and Carbon Rods

Features & Benefits

WIDE RANGE OF APPLICATIONS TO CONTROL THE FLOW OF WELD METAL

- Repair broken corners
- Repair broken gears
- Dams or molds for weld deposit

ELIMINATES THE NEED FOR MANY JIGS AND FIXTURES

- Substantial time and labor savings

Carbon Plate

Part No.	Description
48-043-012	1/4" (6.4 mm) x 12" (30.5 cm) x 12" (30.5 cm)
48-063-012	3/8" (9.5 mm) x 12" (30.5 cm) x 12" (30.5 cm)
48-083-012	1/2" (12.7 mm) x 12" (30.5 cm) x 12" (30.5 cm)
48-123-012	3/4" (19.05 mm) x 12" (30.5 cm) x 12" (30.5 cm)
48-163-012	1" (25.4 mm) x 12" (30.5 cm) x 12" (30.5 cm)



Carbon Rod

Part No.	Description
47-183-000	1-1/8" (28.6 mm) x 12" (30.5 cm)
47-203-000	1-1/4" (31.8 mm) x 12" (30.5 cm)
47-243-000	1-1/2" (38.1 mm) x 12" (30.5 cm)
47-323-000	2" (50.8 mm) x 12" (30.5 cm)

ARCAIR® Cutting and Gouging Systems

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