INCHES OF GROOVE PER ELECTRODE (POINTED)

POINTED COPPERCLAD DC ELECTRODES

Groove Depth	4.0 mm x 30.5 cm	4.8 mm x 30.5 cm	6.5 mm x 30.5 cm	8.0 mm x 30.5 cm	9.5 mm x 30.5 cm	12.7 mm x 35.6 cm
3.2 mm	165 cm	178 cm	206 cm	NR	NR	NR
4.0 mm	45 cm	165 cm	178 cm	206 cm	NR	NR
4.8 mm	NR	145 cm	168 cm	183 cm	208 cm	NR
6.4 mm	NR	117 cm	147 cm	168 cm	183 cm	285 cm
8.0 mm	NR	51 cm – 2P	117 cm	147 cm	150 cm	254 cm
9.5 mm	NR	30 cm – 2P	61 cm – 2P	119 cm	150 cm	224 cm
12.7 mm	NR	NR	36 cm – 2P	66 cm – 2P	119 cm	185 cm
15.9 mm	NR	NR	NR	41 cm – 2P	66 cm – 2P	145 cm
19.05 mm	NR	NR	NR	NR	41 cm – 2P	109 cm
22.0 mm	NR	NR	NR	NR	NR	89 cm – 2P
25.4 mm	NR	NR	NR	NR	NR	71 cm – 2P

Note: All figures derived from gouging mild steel under laboratory conditions. Field results may vary due to type of metal, power source, compressed air supply, operators experience and other parameters.
NR = Not Recommended
2P = Two (2) Passes

JOINTED COPPERCLAD ELECTRODES

Groove Depth	7.9 mm x 35.6 cm	9.5 mm x 43.2 cm	12.7 mm x 43.2 cm
4.0 mm	406 cm	NR	NR
4.8 mm	361 cm	523 cm	NR
6.4 mm	318 cm	437 cm	660 cm
7.9 mm	284 cm	310 cm	478 cm
9.5 mm	213 cm	345 cm	399 cm
12.7 mm	183 cm – 2P	262 cm	356 cm
15.9 mm	122 cm – 2P	191 cm – 2P	259 cm
19.05 mm	NR	145 cm – 2P	229 cm
22.0 mm	NR	NR	203 cm
25.4 mm	NR	NR	183 cm

Note: All figures derived from gouging mild steel under laboratory conditions. Field results may vary due to type of metal, power source, compressed air supply, operators experience and other parameters.
NR = Not Recommended
2P = Two (2) Passes

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
22023003*	3.2 mm x 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.
22983003	4.0 mm x 30.5 cm CCDC Pointed	
22033003	4.8 mm x 30.5 cm CCDC Pointed	
22043003	6.4 mm x 30.5 cm CCDC Pointed	
22053003	7.9 mm x 30.5 cm CCDC Pointed	
22063003	9.5 mm x 30.5 cm CCDC Pointed	
22082003	12.7 mm x 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
21983003	4.0 mm x 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.
21033003	4.8 mm x 30.5 cm CCDC Pointed	
21043003	6.4 mm x 30.5 cm CCDC Pointed	
21053003	7.9 mm x 30.5 cm CCDC Pointed	
21063003	9.5 mm x 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
20033003	4.8 mm x 30.5 cm AC 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.
20043003	6.4 mm x 30.5 cm AC Pointed	
20063003	9.5 mm x 30. 5 cm AC Pointed	

FLAT COPPERCLAD DC ELECTRODES

Part No.	Description	Application
35099003	9.5 mm x 4.8 mm x 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.
35033003	15.9 mm x 4.8 mm x 30.5 cm CCDC Flat	

Note: Standard 50 pieces per carton unless noted

HALF ROUND COPPERCLAD DC ELECTRODES

Part No.	Description	Application
25103003	5.9 x 7.9 mm x 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
24052003	7.9 mm x 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.
24062003	9.5 mm x 35.6 cm CCDC Jointed	
24064003	9.5 mm x 43.2 cm CCDC Jointed	
24082003	12.7 mm x 35.6 cm CCDC Jointed	
24084003	12.7 mm x 43.2 cm CCDC Jointed	
24104003	15.9 mm x 43.2 cm CCDC Jointed	
24124003	19.05 mm x 43.2 cm CCDC Jointed	

Note: Standard 100 pieces per carton unless noted