



Air Carbon Arc Gouging Electrodes



SCHUTZ Carbon Electrodes Pvt. Ltd.

India's largest selling **ARC GOUGING CARBONS** and **CINEMA ARC CARBONS** manufacturer and exporter **SCHUTZ CARBON ELECTRODES PVT. LTD.** has been producing a complete range of **ARC CARBONS** since year 1978. Our company has recently expanded production facility for manufacturing & supply small diameter Artificial Graphite Electrodes.

PLANT

SCHUTZ has the state of the art plant at Kalol (Near Ahmedabad, India) Over 300 Experienced professionals and experts providing you ARC CARBONS with the best price to performance ratio & highest levels of quality with consistency in the World. The manufacturing plant is custom built with finest equipment available to produce more than 40 million pieces of Arc Carbons in a year.

R & D and INSPECTION PROCEDURE

R & D have always been a prominent department for Schutz. Rigorous tests and analysis in great details ensure the reliability of those designs of experiments. Inspection procedures are carried out at every key stage of manufacturing process of Schutz Arc Carbons.

ACHIEVEMENTS

- SCHUTZ established advanced, continuous and cost effective manufacturing process of Gouging Carbons Electrodes.
- SCHUTZ expands it's product range in small size Artificial Graphie Rods, Tubes, Rings, and Blocks.
- SCHUTZ installed 600 KW Windmill to become green powered manufacturing unit.
- SCHUTZ expands exports operations to span across 40 countries.
- SCHUTZ became ISO 9001 Certified Company.
- SCHUTZ took over "NATIONAL" Brands Cinema Arc Carbons & "FETLARC" Brands Gouging Carbons from M/s. Eveready India Ltd.

SALES NETWORK

Schutz has National & International network of more than 250 Distributors & Dealers, takes pleasure in satisfying the needs of All Neighbouring Asian Countries, North & South America, Europe, Middle East and many more.....

Applications

- ◀ Machining U-Grooves for weld joint preparation
- ◀ Removing defective welds
- ◀ Cleaning and repairing metal castings
- ◀ Removing hard surface metal to facilitate repair
- ◀ Cutting non ferrous and other "hard to cut" metal
- ◀ Rough machining

Industries : Construction | Foundries | Fabrication | Transportation Equipment | Railway | Ship Building | Heavy Machineries | Machine Tools | Maintenance



Air Carbon Arc Gouging Electrodes

Complete Range of Air Carbon Arc Gouging Electrodes and Twin Carbon Arc Brazing Electrodes

D.C. Pointed Copper Coated Gouging Carbon Electrodes

All purpose electrodes - for Gouging, Cutting, Chamfering, Washing, Boring, Making Groove Shape "U", Removing Welding Defects, etc.

Standard Sizes	D.C. Current Range
Dia. 4.0 x L 305 / 330 / 355mm	90 - 150 Amps
Dia. 6.0 & 6.4 x L 305 / 330 / 355mm	250 - 350 Amps
Dia. 8.0 x L 305 / 330 / 355mm	350 - 450 Amps
Dia. 9.0 / 9.5 / 10.0 x L 305 / 330 / 355mm	450 - 600 Amps
Dia. 12.0 / 12.7 x L 305 / 330 / 355mm	600 - 900 Amps

D.C. Jointed Copper Coated Gouging Carbon Electrodes

Ideal for either Automatic or Manual Torch Applications mainly in Heavy Foundry Industry to remove mould runner, risers, pits, mould holes, etc. Continuous Electrode Feed, Excellent Quality and Eliminates stub loss.

Standard Sizes	D.C. Current Range
Dia. 10.0 x L 355 / 430mm	450 - 600 Amps
Dia. 12.7 x L 355 / 430mm	600 - 900 Amps
Dia. 16.0 x L 355 / 430mm	900 - 1200 Amps
Dia. 19.0 x L 355 / 430mm	1200 - 1600 Amps
Dia. 25.4 x L 430mm	1600 - 2200 Amps

D.C. Flat Copper Coated Gouging Carbon Electrodes

Specially designed for close tolerance metal removal and scarfing applications. Excellent for removing weld crowns, repairing or making dies, removing temporary welded dogs, & sacrificing billets.

Standard Sizes	D.C. Current Range
Thick 4 x W 12 x L 305mm	200-250 Amps
Thick 5 x W 12 x L 305mm	300-350 Amps
Thick 5 x W 15 x L 305mm	350-400 Amps
Thick 5 x W 18 x L 305mm	400-450 Amps
Thick 5 x W 20 x L 305mm	450-500 Amps
Thick 5 x W 25 x L 305mm	500-550 Amps

D.C. Round Hollow Copper Coated Gouging Carbon Electrodes

For back chipping, cutting, and elimination of welding defects, making Groove shapes "U".

Standard Sizes	D.C. Current Range
Dia. 6.0 x L 305mm	150-200 Amps
Dia. 7.0 x L 305mm	200-300 Amps
Dia. 8.0 x L 305mm	250-350 Amps
Dia. 9.0 x L 305mm	350-450 Amps
Dia. 10.0 x L 305mm	450-500 Amps

- Excellent Arc Stability
- Superior Metal Removal
- Clean and Uniform Cuts
- Most Economical



D.C. Half Round Copper Coated Gouging Carbon Electrodes

Excellent for request groove broad but shallow etc. for special sites. As well as combined features of round & flat electrodes. With the round side to work, they can be used as general purpose electrodes. With the flat side to the work, they can scarf or skim metal easily.

Standard Sizes	D.C. Current Range
Dia. 10.0 x L 305mm	200-250 Amps
Dia. 13.0 x L 305mm	400-450 Amps
Dia. 16.0 x L 305mm	550-600 Amps

A.C. Pointed Copper Coated Gouging Carbon Electrodes

Designed for use with A.C. Power Supplies and for all purpose gouging applications.

Standard Sizes	A.C. Current Range
Dia. 4.0 x L 305mm	100 - 200 Amps
Dia. 5.0 x L 305mm	150 - 250 Amps
Dia. 6.4 x L 305mm	200 - 300 Amps
Dia. 9.5 x L 305mm	300 - 450 Amps

Pointed Copper Coated Cored Welding Carbon Electrodes

Electrodes for Twin Carbon Arc are made with a central core of specially selected materials to give steadier, quieter Arc on A.C. Power Supply for Welding, Brazing, Soldering, etc.

Standard Sizes	A.C. Current Range
Dia. 7.0 x L 305mm	55 Amps
Dia. 8.0 x L 305mm	70 Amps
Dia. 9.0 x L 305mm	90 Amps
Dia. 10.0 x L 305mm	120 Amps



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