



COBALARC 1M

Preformed carbides in tube to resist heavy abrasion
Genuine low heat input

Cobalarc 1M deposits chunky chromium carbides in tough austenitic matrix. Excellent wear resistance on 12-14% manganese steel components. Gives better abrasion resistance on mild and low alloy steel bases where impact requirement is limited.

SPOT COLOUR: **YELLOW**

SPECIAL FEATURES:

- Exceptional resistance to severe abrasion and moderate to heavy impact
- Oxidation resistance at elevated temperatures.
- Unmatched deposition rates - high integrity deposits.
- Use of low current as compared to any solid core electrodes keeps the dilution by parent metal to a minimum.
- Non-hygroscopic coating needs no storage precaution.

TYPICAL APPLICATIONS:

I.D. Fan blades, impeller casings, dredge bucket & lips, crusher jaws, bulldozer cutting edges, muller tyres, sizing screens, pulveriser hammers, ball mill liner plates, crane grab shovel and dragline teeth augers, rolling mill guides, agriculture implements, suitable for 12-14% manganese steel parts also suitable for carbon steel parts when resistance to abrasion is required.

PROPERTIES

Hardness: 55 – 59 HRC

WELDING CURRENT: DC +/-, AC 70

WELDING PARAMETERS AND PACKING DATA

Size (mm)	Length (mm)	Current Range (Amps)	Net Wt. of Electrodes in a Carton (Kg)	Net Wt. of Electrodes in a Case (Kg)
6.3	450	120-140	3.0	12.0
8.0	450	140-170	3.5	14.0
10.0	450	180-200	3.5	14.0