

SUNALLOY 027

Surfacing electrode with chromium carbide for abrasion resistance



DESCRIPTION

A chromium - iron alloy electrode with unique coating for high abrasion resistant overlays on plain carbon steels, Manganese steels, and grey cast irons. Carbides are uniformly distributed in hard martensitic matrix. This offers excellent resistance to low stress scratching type as well as high stress gouging type abrasion of metal coal, ore and minerals.

ALLOY BASIS

Ni, Cr, C, Mn

PROPERTIES

Hard and highly abrasion resistant, deposits are glossy and shining.

APPLICATIONS

Wear resistant surfacing of mild and low alloy steels: Building machines, digger teeth, bucket edges, conveyor screws, mixing wings, oil expeller worms, scrapper blades, cement die rings, Muller types, ploughshares, etc.

TECHNICAL DATA & WELDING PARAMETERS

Size (diameter)/length (mm)	: 2.50 x 350	3.15 x 350	4.00 x 350	5.00 x 350
Current (amps)	: 70 - 100	110 - 140	160 - 190	220 - 240
Current	: AC/DC (+)			