

OMEGA® - N

Shielded Metal Arc Welding
(SMAW-Stick)

For hard facing all ferrous metals with excellent abrasion resistance under impact.

ARC AC/DC

All Positions

3

FEATURES

- Hardness 60-62 RC
- Excellent abrasion resistance and tough deposits.
- Outstanding weldability
- Low friction, smooth deposit
- Holds hardness at high temperature
- Good impact resistance
- Fast deposit
- Easy slag removable

CHARACTERISTICS

OMEGA-N prolongs service life of all types of equipment exposed to heavy abrasion even when combined with impact and elevated temperatures. These electrode deposits are ultra smooth and provide a low friction surface. Extra high deposition rates and easy slag removal make **OMEGA-N** a favorite for a wide variety of surfacing jobs on manganese, carbon and alloy steels, as well as cast iron.

OMEGA-N is ideal for wear surfacing the following typical components: Augers, conveyors, paddles, wear pads, screws, scrapers, shovel lips, bucket teeth, crusher jaws, drilling tools, mixers.

APPLICATION

Clean surface and remove all damaged metal. Use a medium arc with electrode at 45° to work. Weave as required. Preheat recommended for alloy steels or cast iron 200°F (149°C). Stress relieving cracks may appear. This does not reduce the integrity or wear resistance.

TECHNICAL

Size and Amps AC/DC ± 20%

Inches:	3/32	1/8	5/32	3/16
(mm):	(2.4)	(3.2)	(4.0)	(4.8)
Amps:	80	110	150	180

With DC use reverse polarity. (DCEP)