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COR™NICKEL N100A ELECTRODE

DESCRIPTION

COR™NICKEL N100A is a multipurpose, nickel base electrode formulated for superior welder appeal and bead appearance. The N100A offers restrike, excellent slag removal, and an X-ray quality weld.

APPLICATIONS

N100A is used for joining nickel-chromium-iron alloys, 9% nickel steel, and a variety of dissimilar metal combinations including: carbon steel, stainless steel, and nickel alloys. N100A maintains strength and oxidation resistance at service temperatures from cryogenic to 1500°F. The 1/8" and 3/32" electrodes may be used out-of-position.

PROCEDURE

Keep preheat and postheat to a minimum or according to base material.

WELDING PARAMETERS

Size	3/32"	1/8"	5/32"
Amps	75-105	110-135	140-160

MECHANICAL PROPERTIES

Tensile Strength: 80,000 psi minimum
Elongation: 30% minimum

CLASSIFICATION

AWS A5.11, class ENiCrFe-2