

TUBEFACE 303

**HIGH RESISTANCE TO SEVERE
ABRASION FROM FINE PARTICLES,
CONTAINS COMPLEX CARBIDES IN
AUSTENITIC MATRIX**

SPECIAL CHARACTERISTICS:

- * All position * Moisture Resistant Coating * High Efficiency
- * AC/DC Operation * High Deposition * Requires Low Amperage
- * Low Dilution * Low Heat Input

GENERAL CHARACTERISTICS:

TubeFace 303 hardfacing electrode is designed to hardsurface all steels and iron subjected to severe abrasion. Excellent for fine particle abrasion. Deposits take on a high polish in service.

APPLICATIONS:

Use for parts subjected to severe abrasion such as brick extrusion augers, muller plows, pan scraper blades, bulldozer end bits, conveyor chains in annealing furnaces and other equipment used in rock, coal, cement, and ceramic industry where small particle abrasion is a problem.

TECHNICAL DATA:

Hardness as welded..... RC 57-62
Deposit Efficiency..... up to 96%
Current AC or DC either polarity
Amperage 85-135 130-190 200-430
(in) 1/4" 3/8" 1/2"
(mm) 6.0 9.0 12.0

PROCEDURE:

Remove fatigued or unsound metal with Chamfertode. A padding layer may be used when a thick build up is needed. On cast iron, a base of Castes 5 is desirable. No preheat is necessary on carbon steels or cast irons.

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HIGH DEPOSITION TUBEFACE 303