

TUBEFACE 305

ULTIMATE ELECTRODE FOR ABRASION, IMPACT, AND HEAT RESISTANCE IN SEVERE ENVIRONMENTS

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 305 weld metal is composed of complex carbides of chromium, tungsten, molybdenum, columbium, and vanadium. This results in a deposit highly resistant to fine particle abrasion and erosion at temperatures up to 1500°F.

APPLICATIONS:

Conveyors for hot coke, slag, and cement. Kiln grates, crushers, and other equipment subjected to abrasion and erosion at elevated temperatures. Very good for extreme abrasion with impact such as crusher cones and mantles in taconite crushing operations. Excellent for feed chutes handling hot abrasive materials.

TECHNICAL DATA:

Matrix Hardness RC 62-64
Carbide Hardness Vickers 1950
Current AC or DC either polarity
Amperage 85-135 130-190 180-390
(in) 1/4" 3/8" 1/2"
(mm) 6.0 9.0 12.0

PROCEDURE:

Remove all foreign material, fatigued and unsound metal. Chamfer electrode can be used for metal removal. If heavy build up is necessary, a padding of TubeFace 308 may be used. Do not deposit more than two layers of TubeFace 305.

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EXTREME DUTY TUBEFACE 305