MG 7090 THF

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

SPECIAL CHARACTERISTICS:

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

GENERAL CHARACTERISTICS:

MG 7090 THF 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. MG 570 chamfer electrode can be used for metal removal. If heavy build up is necessary, a padding of MG 7046 THF may be used. Do not deposit more than two layers of MG 7090 THF.

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