



# **TUBEFACE 303**

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

## **APPLICATIONS AND USES**

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.

## **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.



## **SPECIAL CHARACTERISTICS**

\* ALL POSITION \* MOISTURE RESISTANT COATING \* HIGH EFFICIENCY  
\* AC/DC OPERATION \* HIGH DEPOSITION \* REQUIRES LOW AMPERAGE  
\* LOW DILUTION \* LOW HEAT INPUT

## **TECHNICAL DATA**

HARDNESS AS WELDED.....RC 57-62  
DEPOSIT EFFICIENCY.....UP TO 96%  
CURRENT.....AC OR DC EITHER POLARITY

## **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 CASTEX 5 IS  
DESIRABLE. NO PREHEAT IS NECESSARY ON CARBON STEELS OR CAST IRONS.

AMP	85-135	130-190	200-430
IN	1/4"	3/8"	1/2"
MM	6.0	9.0	12.0

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