



## ESSEN TUB 440 N

**Classification: Special Product**

Self-shielded flux-cored wire that provides a martensitic alloy with 13% Cr and nitrogen addition. Recommended for overlay on continuous casting rolls used in the production of steel plates. Offers excellent resistance to corrosion, stress corrosion, thermal fatigue, and hot abrasion.

Provides stable weldability with excellent bead finish, further improved when applied using weaving beads, and slag that self-detaches easily.

### ALLOY TYPE:

C	Mn	Si	Ni	Mo	N	Cr
0,10 Máx.	1,4% Máx.	1,00% Máx.	3,5 a 5,0%	0,30 a 1,0%	0,18% máx	12,5 a 14,5%

### MECHANICAL PROPERTIES:

Hardness:	40 a 45 HRC
-----------	-------------

WELDING CURRENT:	CC+
SHIELDING GAS:	Não Utilizar
STICK-OUT (mm):	25 a 45



Plana

### PRODUCT CHARACTERISTICS:

DIAMETER (mm):	AMPERAGE (A):	VOLTAGE (V):	PACKAGING (kg):
Ø 2.4	250 a 450	22 a 30	20 ( Spool ) / 200 ( Drum)
Ø 2.8	250 a 450	24 a 36	20 ( Spool ) / 200 ( Drum)

#### CUSTOMER SERVICE POLICY

The information above is provided for reference purposes only and should not be considered as a guarantee or certification. Many variables can influence the results of a welding operation. Uniweld Indústria de Eletrodos LTDA is not responsible for any incorrect application of the product. If you have any questions, we recommend contacting our Technical Assistance department for proper support.