



ESSEN TUB CR 67

Classification: **Special Product**

Self-shielded flux-cored wire.

Special self-shielded flux-cored wire designed to deposit a high-hardness alloy enriched with Chromium and Niobium carbides. This wire is specifically developed and recommended for hardfacing parts and equipment subjected to severe abrasion, being particularly effective for the hardfacing of knives and hammers in the sugar and ethanol industry. In addition, it is widely used in several other industries, such as cement, ceramics, mining, steelmaking, and agriculture, among others.

Characterized by easy weldability, stable arc, high deposition rate, and slag-free deposits, this wire offers the advantage of producing smooth and well-formed weld beads. These characteristics contribute to excellent durability and wear resistance of the hardfaced components, making it a reliable choice for applications in demanding environments subject to severe wear.

CHEMICAL COMPOSITION:

C 2.80 to 4.20%	Mn 0.30 to 1.00%	Si 0.30 to 1.00%	Nb 0.80% to 1.20%	Cr 17.0 to 21.0% Max.
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MECHANICAL PROPERTIES:

Hardness:	56 to 61 HRC
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WELDING CURRENT:	DC+
SHIELDING GAS:	NOT REQUIRED



Flat

PRODUCT FEATURES:

DIAMETER (mm):	CURRENT (A):	VOLTAGE (V):	PACKAGING (kg):
1.60	150 to 250	18 to 25	12.50
2.00	200 to 300	19 to 27	12.50
2.40	250 to 350	28 to 35	20.00 / 25.00

CUSTOMER SERVICE POLICY

The information provided above is for reference purposes only and shall not be considered as a guarantee or certificate. Many variables may influence the results of a welding operation. Uniweld Industria de Eletrodos LTDA assumes no responsibility for any incorrect application of the product. If you have any questions, we recommend contacting our Technical Assistance Department for proper support.