

■ Welding Electrodes

For general use in welding applications. In order to accomplish the union, heat from an electrical arc established between the borders of the welding pieces and a metallic rod (called electrode) is concentrated, producing a zone of fusion which after cooling forms a permanent union.

They are manufactured according to AWS (American Welding Society) Standards, in diameters 3/32" (2.5mm), 5/32" (4.0mm), and 3/16" (5.0mm) by 14" (355mm) in length in type E-6013 and E-7018. They are packaged in 50-pound boxes which contain 5 10-pound sub-packages.

• E-6013:

Electrode of general use, to be used for general applications and maintenance works. To be applied in all positions, short arc and low amperage, high performance and easy removal of slag.

Used in the manufacture of metallic containers, tanks, angles, I and H beams, diverse fillings and metallurgical shops.

Clean the area to be welded from grease or any dirtiness that can interfere in the welding. Use with electric current, AD or DC negative polarity. Maintain a short arc.

• E-7018:

Electrode with basic covering of high performance elements and excellent penetration. Appropriate for strong and firm unions. Very resistant to fissures and excellent capacity to weld in all positions.

Used in diverse metallic structure works, to weld melted steel of low and medium carbon content.

Use current AC or DC with positive polarity. Clean the area to be welded from grease or any dirtiness that can interfere in the welding. Use only dry electrodes keeping a short arc.

Nomenclature:

