

# HABCO SX 578

## LOW TEMPERATURE MICRO DENSE COATED ELECTRODE FOR JOINING DISSIMILAR STEELS

### FEATURES

**HABCO SX 578** provides outstanding welding characteristics in all positions. These electrodes are characterized by a smooth, soft arc, very little spatter, and easy slag removal. The flat to concave welds produced, offer exceptional bead appearance, often eliminating the need for grinding.

### APPLICATIONS

For welding dissimilar carbon, manganese and low alloy steels, or joining stainless to mild steel. Ideal for use in the mining and construction industries for welding buckets and equipment because of its excellent out of position performance and superior crack resistance. Often the choice for joining HABCO WEAR PLATES. Also recommended for welding corrosion resistant and heat resistant steels.

### INSTRUCTIONS

Clean and prepare weld zone in accordance with standard welding practice. Heavy sections should be beveled using **HABCO MX 222**. Use a drag technique when depositing horizontal fillets and also in the flat position. In all cases a short arc should be maintained.

**Tensile Strength: 100,000 Psi (70 kg/mm<sup>2</sup>)**

**Yield Strength: 69,000 Psi (49 kg/mm<sup>2</sup>)**

**Elongation: + 40 %**

**Corrosion Resistance: High**

**Heat Resistance: Excellent; up to 2000°F (1093°C)**

**Current: AC or DC +**

<b>Amperage:</b>	<b>40-75</b>	<b>50-105</b>	<b>80-140</b>	<b>100-175</b>
<b>Diameters: (in)</b>	<b>3/32</b>	<b>1/8</b>	<b>5/32</b>	<b>3/16</b>
<b>(mm)</b>	<b>2.5</b>	<b>3.25</b>	<b>4.0</b>	<b>5.0</b>

- Available in WIRE form