

SME E01

Electrodes for MMAW Process

Ni & Ni Alloys

Low-Heat Input Welding Alloys

Alloy Basis :

Ni, Al, Ti

Characteristics :

SME E01 delivers weld which has good resistance against corrosion and Oxidation and gives Porosity-free, crack-resistant deposit. Gives minimum spatter level slag which is thin, removes easily leaving behind smooth shining and uniform weld bead which is of radiographic quality.

Technical Data :

UTS : 41-46 kgf/mm²
Elongation (L = 4d) : 20-30%

Applications :

1. Apparatus construction, chemical industry, valves and pipe lines.
2. Welding of pure nickel and nickel-plated steels.
3. Overlay of nickel on steel.
4. Joint welding of copper and copper alloys with steel.

Welding Current : DC (+)

Size (Ø / Length) mm	2.5 x 350	3.2 x 350	4.0 x 350
Current (amps)	50 - 80	90 - 110	110 - 140

Availability:

Standard Size: 5.0, 4.0, 3.2 and 2.5 in 350 mm length
Packing: 2 , 5 Kg.

