

SME E11**Electrodes for MMAW Process****Ni & Ni Alloys****Low-Heat Input Welding Alloys****Alloy Basis :**

Ni, Cu, Ti, Fe, Mn

Characteristics :

SME E11 is an electrode for low heat input welding of Nickel and suitable for Corrosion resistance against seawater, heat & good creep-resistance at high temperature. The weld metal is free from porosity and resistant to many chemicals.. Suitable for applications with working temperatures from 196 to +450°C. Protection of the reverse side is necessary when welding root runs.

**Technical Data :**

UTS : 48-53 kgf/mm²
Elongation (L = 5D) : 30-40%

Applications :

1. Pump impellers, tubes.
2. Welding of Monel and Monel-clad steels. Joining Monel to steel.
3. Chemical Industry, Oil Industry, Shipbuilding Industry.
4. Distillation tower, tanks.

Welding Current : DC (+)

Size (Ø/Length) mm	2.5 x 350	3.2 x 350	4.0 x 350
Current (amps)	60 - 80	90 - 120	110 - 140

Availability:

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