

SME A105**Electrodes for MMAW Process****Steels****Low-Heat Input Welding Alloys****Alloy Basis :**

Mn, Fe, Si

Characteristics :

SME A105 is a high-deposition-efficiency electrode, giving smooth arc and very low spatter loss and good slag detachability. The weld metal meets X-ray and ultrasonic requirements. The welds are ductile and crack-resistant. Easy to operate in all positions.

**Technical Data :**

UTS : 59-64 kgf/mm²
Elongation : 30-40%

Applications :

1. Welding of high pressure pipelines, boiler tubes and boiler plates where good creep resistance is necessary for Welding.
2. Suitable for welding low-alloy steels in thermal-power stations.
3. Suitable for welding tube-to-tube sheets in heat exchanger, for welding of carbon steels of unknown composition.

Welding Current : AC / DC (+)

Size (Ø / Length) mm	2.5 x 350	3.2 x 350	4.0 x 350	5.0 x 350
Current (amps)	60 - 90	90 - 130	130 - 180	190 - 240

Availability:

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