

## SME A03

## Electrodes for MMAW Process

## Steels

### Low-Heat Input Welding Alloys

#### Alloy Basis :

Fe, C, Mn, Si

#### Characteristics :

SME A03 is an electrode for low heat input welding of mild steel with minimum distortion. This is suitable for all-position welding of Mild steel. It gives good weld appearance at low current, slag peels off easily. The weld bead is radiographic quality.

#### Technical Data :

UTS : 45-59 kgf/mm<sup>2</sup>  
Elongation : 22-30%



#### Applications :

1. Suitable for welding sheet metal with low heat input technique in order to prevent distortion.
2. Automobiles bodies, chassis.
3. Steel Furniture, storage tanks.
4. Sheet metal works.

#### 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)	50 - 80	90 - 140	140 - 180	180 - 220

#### Availability:

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