

SME A09

Electrodes for MMAW Process

Steels

Low-Heat Input Welding Alloys

Alloy Basis :

Cr, Ni, Mn, Mo

Characteristics :

SME A09 gives smooth, stable arc. The slag peels off easily. The dense bead makes surfacing work easy and fast. The weld metal is strong, ductile, and can resist impact very nicely.

Technical Data :

UTS : 55-67 kgf/mm²
Elongation : 24-35%
Metal Recovery : 130%



Applications :

1. It is used for joining Stainless Steel to Carbon steel, low alloy steels, austenitic manganese steel parts and cast steels.
2. Rebuilding of shafts, impellers, valve bodies, and turbine guide vanes to provide resistance to heat, erosion and corrosion.
3. Depositing stainless tough overlay on austenitic manganese steel parts and cast steel parts.

Welding Current : AC / DC (+)

Size (Ø / Length) mm	2.5 x 350	3.2 x 350	4.0 x 350
Current (amps)	50 - 70	80 - 110	120 - 140

Availability:

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