

SME A08

Electrodes for MMAW Process

Steels

Low-Heat Input Welding Alloys

Alloy Basis :

Cr, Ni, Mn

Characteristics :

SME A08 is an electrode for surfacing of austenitic manganese steels and steels of widely varying composition for work hardening. Has excellent heat resistance upto 900°C, resistant to corrosion by atmosphere, weak acids and sea water. The special features include, soft and stable arc, which is easy to strike and re-strike, rippled smooth weld beads and good slag detachability



Technical Data :

UTS : 57-64 kgf/mm²
Elongation : 24-35%

Applications :

1. Suitable for similar and dissimilar steels such as joining of austenitic manganese steels, carbon steels.
2. Welding of heat treatable alloy steels for fabrication welding, maintenance and reclamation of worn-out parts.
3. Buffer layer and hard facing in mining, cement, power plant, earth moving machinery.
4. Joining buckets cracks of earth moving equipments.
5. Surfacing manganese steel rails.

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)	40 - 70	90 - 115	110 - 140	140 - 180

Availability:

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