

SME A28**Electrodes for MMAW Process****Stainless Steels****Low-Heat Input Welding Alloys****Alloy Basis :**

Fe, Ni, Cr, Mo, Si

Characteristics :

SME A28 is an Austenitic Electrode for welding high Alloys and unalloyed steels and is All position electrode giving 25Cr/12Ni deposit. It gives weldment of high-tensile strength, excellent resistance to chemical corrosion and heat. Slag detachability is good, gives smooth arc, low spatter and smooth weld bead of radiographic quality.

**Technical Data :**

UTS : 55-64 kgf/mm²
Elongation : 30-40%

Applications :

1. Welding of high alloy and unalloyed steels.
2. Surfacing on mild steel to improve wear resistance.
3. Joining stainless steel to low alloy steels, carbon steels.
4. Can be used for cladding purpose on carbon steel.

Welding Current : DC (+)

Size (Ø/Length) mm	2.5 x 350	3.2 x 350	4.0 x 350
Current (amps)	50 - 75	80 - 110	100 - 130

Availability:

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

Options Available : SME A28 B , SME A28 S