

## Metal Cored Wire for Mild & High Tensile Steel

# SC-70A

**AWS: A5.36/ASME SFA5.18 E70C-3C**  
**A5.36/ASME SFA5.18 E70C-6M**  
**EN: ISO 17632-A-T 46 3 M C1 1 H5**  
**ISO 17632-A-T 46 3 M M21 1 H5**



### Application

❖ SC-70A is used for welding in shipbuilding, machinery, bridge, construction, structural fabrication, automated or robotic welding.

### Note on Usage

- ❖ Use with CO<sub>2</sub> or Argon + 15~25% CO<sub>2</sub> gas
- ❖ Proper preheating(50~150℃) and interpass temperature must be used in order to release hydrogen which may cause cracking in weld metal when electrodes are used for medium and heavy plates.



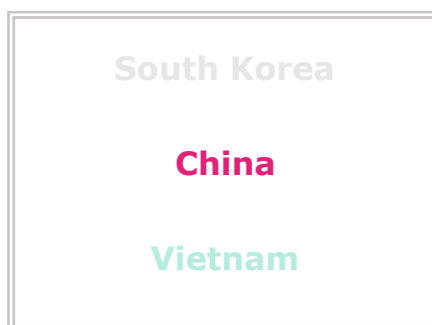
## Metal Cored Arc Welding Wire

- ❖ SC-70A is a metal-cored wire which combines the high deposition rates of a flux cored wire with the high efficiencies of a solid wire.

### Advantages

- ❖ Stable arc, Low spatter and minimal slag coverage
- ❖ Excellent mechanical properties
- ❖ High deposition rates
- ❖ Semi-automatic and automatic applications

## Manufactured Plant



## Recommended Current

[DC+ Amp. Recommended]

Positions	1.2mm	1.4mm	1.6mm
Flat	230 ~ 300A	260 ~ 330A	290 ~ 360A
Vertical & Overhead	160 ~ 200A	170 ~ 210A	180 ~ 220A

## Approvals



The classification of this certain product includes, but not limited to, the above approvals