

SC-600HM

Features

- Designed for hardfacing MCW with Ar+CO2 mixed gas
- Flat and horizontal fillet position welding
- Suitable for abrasion parts

Polarity

DC +

Application Areas

- Rollers, shear blades, screw conveyors

Shielding Gas

Ar + 20~25% CO2

Typical Chemical Composition of All-Weld Metal (wt%)

Wire size	C	Si	Mn	P	S	Cr	Mo
1.2(0.045)	0.45	0.5	1.6	0.01	0.01	6.0	0.40

Typical Mechanical Properties of All-Weld Metal

HRC (≥4Layers)
58~62

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
1.2(0.045)	230~300
1.6(1/16)	260~330

Diameter / Welding Parameters / Packaging

Packaging
Spool 5kg (11lbs), 15kg (33lbs)

SMW

GMW

GTW

FCW

Metal-cored Wire

SAW Wire

SAW Flux