

SC-410NiMoS

Features

- Cored wire for submerged arc hardfacing
- Martensitic stainless steel type
- SAW Process (with S-717/S-401HF flux)

Polarity

DC +

Application Areas

- Continuous casting rolls, steel mill rolls

Shielding Gas

None

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

Wire size	C	Si	Mn	Ni	Cr	Mo	Nb
3.2(1/8)	0.05	0.7	1.7	4.5	13.0	0.5	0.2

Typical Mechanical Properties of All-Weld Metal

Item	HRC (≥4Layers)
S-717	36~40

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
3.2(1/8)	350~450

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Packaging
3.2(1/8)	Coil 25kg(55lbs), Drum 150kg, 250kg

SWAW

GMAW

GTAW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux