



SILOX Fe

C-Mn STEEL (Special Purpose)

KEY FEATURES:

- Deposit pure iron with low impurities
- Low Silicon content
- Resistant to corrosion by molten Zinc
- Easy slag removal

TYPICAL APPLICATIONS:

- Welding and repairing of hot dip galvanizing baths
- Filling holes, building up worn out parts not subjected to excessive wear
- Windows, door frames


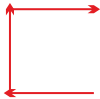
TYPICAL CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt %:

C	Mn	Si
0.05	0.5	0.06

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	YS at 0.2% offset, MPa	EL%	CVN Impact at 27°C, J
Typical	As Welded	460	400	25	66
Specification		415 min	330 min	22 min	50 min

PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A		
3.15 x 450	90-130	 AC (70 OCV)/ DCEN	All Positions, except vertical Down 
4.0 x 450	140-180		
5.0 x 450	180-220		

Available in Standard carton packing of 20 kg box containing 4 cartons of 5 kg each. Also available in vacuum packing