



NICALLOY NiMo-7

NON FERROUS (Ni Alloys)

AWS A/SFA 5.11 ENiMo-7

CLASSIFICATION:

ISO 14172

E Ni 1066 (NiMo28)

KEY FEATURES:

- Basic coated electrode
- High Mo content offers protection against pitting & crevice corrosion
- Normally are used only in the flat position
- Can combat corrosion especially in the chemical industry.

APPROVALS: CE

TYPICAL APPLICATIONS:

- Joining of nickel-molybdenum base metals are ASTM B 333, B 335, B 619, B 622, and B 626
- Welding the clad side of joints in steel clad with a nickel-molybdenum alloy
- Suitable for equipment handling reducing chemical environments
- Applications in the chemical process industry involving sulfuric, phosphoric and acetic acid


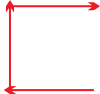
TYPICAL CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt %:

C	Mn	Si	Fe	Ni	Mo
0.01	0.5	0.06	1.4	70.6	27

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	EL%
Specification	As Welded	690 min	25 min

PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A		
2.5 x 350	50-95	 DCEP REDRYING CONDITION: 250-300°C for minimum 1 hr.	All Positions, except vertical Down 
3.15 x 350	80-120		
4.0 x 350	120-160		

Available in packing of 10 kg box containing 10 plastic cartons of 1 kg each.