NICALLOY Mo-4

AWS A/SFA 5.11 ENiCrMo-4

NON FERROUS (Ni Alloys)

CLASSIFICATION:

ISO 14172
E Ni 6276 (NiCr15Mo15Fe6W4)

IS 8736
E NiCrMo-4

KEY FEATURES:

- Basic type coating
- Resistant to abrasion, impact, corrosion and high temperatures
- Resistant to contaminated mineral acids, chloride containing media and chlorine-contaminated media
- Ni based Cr-Mo-W alloyed deposit
- Excellent resistance against Pitting and Crevice corrosion
- Can resist wet chlorine gas and strong oxidizers such as ferric and cupric chlorides

APPROVALS: CE

TYPICAL APPLICATIONS:

- Welding of alloy C-276 & similar composition steels
- Suitable for material 2.4819 (NiMo16Cr15W)
- Dissimilar joints between nickel alloys, stainless and low alloy steels
- Surfacing on low alloy steels0
- Application in chemical plants with highly corrosive conditions
- For surfacing press tools, punches, forge dies, hot-stripping tools, pump rotors, valves

TYPICAL CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt %:

C	Mn	Si	Fe	Ni	Cr	Mo	W
0.019	0.6	0.2	6.0	58	15.7	16	3.5

MECHANICAL PROPERTIES OF ALL WELD METAL:

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

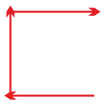
PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A
2.5 x 350	45 - 70
3.15 x 350	80 - 100
4.0 x 350	90 - 130

DCEP

REDRYING CONDITION:
250-300°C for minimum 1 hr.

All Positions, except vertical Downwards



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

EQUIVALENT:

GMAW	GTAW	SAW	
		Flux	Wire
Automig NiCrMo-4	Tigfil NiCrMo-4	Automelt S76	Automelt NiCrMo-4

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