



Molybdenum Alloy Wire, Dia 1-10mm ,High Toughness High Strength Molybdenum Wire MoRe47.5 Wire

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: ERNiCrFe-3
- Minimum Order Quantity: 15
- Packaging Details: Spool package with Carton box, Coil package with polybag for ERNiCrMo-13
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Material: Ni, Mo, Cr
- Elongation: $\geq 22\%$
- Density: 8.60 G/cm³
- Tensile Strength Rm N/mm²: ≥ 600
- Yieldstrength R P0.2 N/mm²: ≥ 360
- Melting Point: 1310-1360°C
- Certificates: AWS A5.14 / ASME SFA A5.14
- Highlight: ERNiCrFe-3 chrome moly alloy ,
Nickel chrome moly alloy ,
ASME chrome molybdenum

Our Product Introduction

Product Description



Nickel Based Welding Wire

ENiCrFe-3 type 182 electrodes are used for the welding of nickel-chromium-iron alloys to themselves and for dissimilar welding between nickel-chromium-iron alloys and steels. Its high manganese content lessens the possibility of micro fissures and also reduces creep strength which limits its usage to 900°F. Applications for this alloy include surfacing as well as clad-side welding.

Welding series:

ERNiCrMo-3,ERNiCrMo-4,ERNiCrMo-13,ERNiCrFe-3,ERNiCrFe-7,ERNiCr-3,ERNiCr-7,ERNiCu-7,ERNi-1, ER70S-6.

Standard: Conforms to Certification AWS A5.14 ASME SFA A5.14

Size: 0.8MM / 1.0MM / 1.2MM / 1.6MM / 2.4MM / 3.2MM /

3.8MM / 4.0MM / 5.0MM

Form: MIG(15kgs/spool), TIG(5kgs/box),Strip

Nickel welding wire Nickel welding wire Nickel welding wire Nickel welding wire

Chemical Properties

C	Mn	Fe	P	S	Si	Cu	Ni	Ti	Cr	Nb+Ta
0.10	5.0-9.5	10.00	0.03	0.015	1.0	0.50	59.0	1.0	13.0-17.0	1.0-2.5

Typical Welding Parameters

Diameter		Process	Volt	Amps (flat)	Amps (V/OH)	
in	(mm)					
3/32	(2.4)	SMAW	24-28	70-85	65-75	
1/8	(3.2)	SMAW	26-30	85-110	80-90	
5/32	(4.0)	SMAW	28-32	110-140	100-120	
3/16	(4.8)	SMAW	28-32	120-160	110-130	



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