



Factory Sales Hastelloy C276 Wire NS334 Nickel Chromium Molybdenum Alloy Wire

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: ERNiCr-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
- Yield strength R P0.2 N/mm²: ≥ 360
- Melting Point: 1310-1360°C
- Certificates: AWS A5.14 / ASME SFA A5.14
- Highlight: Molybdenum Alloy Welding Wire, Nickel Chromium Molybdenum Alloy, ERNiCr-3 chrome molybdenum alloy

Product Description

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ERNiCr-3 (NA82) is used for welding Inconel alloy 600 and Incoloy 800, overlaying on steel and various dissimilar metal welding applications. Weld processes which can be used include GTAW, GMAW and SAW. ERNiCr-3 Nickel Alloy 82 is used for MIG, TIG and SAW welding of base metals such as ASTM B163, B166, B167 and B168. It is also used for alloys which have UNS Number N06600. It is one of the most used nickel alloys whose applications range from cryogenic to high temperatures. This filler metal can also be used for dissimilar welding applications between various nickel alloys and stainless or carbon steels, as well as for overlaying.

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 Nickel welding wire

Chemical Properties

C	Mn	Fe	P	S	Si	Cu	Ni	Ti	Cr	Tb+Ta
0.10	2.5-3.5	3.0	0.03	0.015	0.50	0.50	67.0 min	0.75	18.0-22.0	2.0-3.0

Typical Welding Parameters

Diameter		Process	Volt	Amps (flat)	Amps (V/OH)	
in	(mm)					
.035	(0.9)	GMAW	26-29	150-190	Spray Transfer 100% Argon	
.045	(1.2)	GMAW	28-32	180-220	Spray Transfer 100% Argon	
1/16	(1.6)	GMAW	29-33	200-250	Spray Transfer 100% Argon	
1/16	(1.6)	GTAW	14-18	90-130	100% Argon	
3/32	(2.4)	GTAW	15-20	120-175	100% Argon	
1/8	(3.2)	GTAW	15-20	150-220	100% Argon	



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