

## Universal Wire Works A Nickel Alloy Welding Wire

Category : Metal , Nonferrous Metal , Nickel Alloy

**Material Notes:**

Alloy A is used for arc welding various dissimilar combinations of austenitic and ferritic steels and high nickel alloys. For example, when welding Inconel and Incoloy type alloys to carbon steel, stainless steel, Nickel 200, Monel type alloys, and nickel alloys, it is the product of choice. Alloy A is used to weld Monel type alloys, Nickel 200, and carbon steel to stainless steels. Alloy A is recommended for welding Incoloy type alloy 800 and 9% nickel steel to themselves. Electrode sizes 3/32 and 3/16 diameter can be used in all positions, while the larger 5/32 and 3/16 diameter are normally used in the flat or horizontal positions. POWER SUPPLY DCRP. Information provided by Universal Wire Works for their line of welding wire and filler metal.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Universal-Wire-Works-A-Nickel-Alloy-Welding-Wire.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-A-Nickel-Alloy-Welding-Wire.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	552 MPa	80000 psi	
Elongation at Break	30 %	30 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.10 %	<= 0.10 %	
Chromium, Cr	13 - 17 %	13 - 17 %	
Cobalt, Co	<= 0.12 %	<= 0.12 %	
Copper, Cu	<= 0.50 %	<= 0.50 %	
Iron, Fe	<= 12 %	<= 12 %	
Manganese, Mn	1.0 - 3.5 %	1.0 - 3.5 %	
Nickel, Ni	>= 62 %	>= 62 %	
Niobium, Nb (Columbium, Cb)	1.0 - 2.5 %	1.0 - 2.5 %	
Other	<= 0.50 %	<= 0.50 %	
Phosphorous, P	<= 0.030 %	<= 0.030 %	
Silicon, Si	<= 0.75 %	<= 0.75 %	
Sulfur, S	<= 0.020 %	<= 0.020 %	
Tantalum, Ta	<= 0.30 %	<= 0.30 %	
Titanium, Ti	<= 1.0 %	<= 1.0 %	

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**