

## Universal Wire Works Hastelloy W (AMS 5786) Filler Metal

Category: Metal, Nonferrous Metal, Nickel Alloy, Superalloy

## **Material Notes:**

Hastelloy Alloy W welding wire is used extensively to join similar and dissimilar alloys of the cobalt and nickel base variety and other alloys used in high temperature service. Hastelloy Alloy W possesses good mechanical properties up to 1800°F and is used for welding turbine blades into rotor hubs and dissimilar alloys as mentioned above. 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-Hastelloy-W-AMS-5786-Filler-Metal.php

Component Elements Properties	Metric	English	Comments	
Carbon, C	<= 0.12 %	<= 0.12 %		
Chromium, Cr	5.0 %	5.0 %		
Cobalt, Co	<= 2.5 %	<= 2.5 %		
Iron, Fe	6.0 %	6.0 %		
Molybdenum, Mo	24 %	24 %		
Nickel, Ni	63 %	63 %		
Vanadium, V	<= 0.60 %	<= 0.60 %		

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