

## Universal Wire Works Haynes 25 (L-605) (AMS 5796) Filler Metal

Category : Metal , Nonferrous Metal , Cobalt Alloy , Superalloy

### Material Notes:

Haynes Alloy 25 (L-605) can be welded using the gas tungsten arc, gas metal arc and plasma arc processes. Alloy 25 has good resistance to corrosion and is resistant to oxidation and carburization to 1900°F. This alloy has been used extensively in jet engine parts including turbine blades, combustion chambers, turbine rings and afterburner parts. 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-Haynes-25-L-605-AMS-5796-Filler-Metal.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-Haynes-25-L-605-AMS-5796-Filler-Metal.php)

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.15 %	<= 0.15 %	
Chromium, Cr	20 %	20 %	
Cobalt, Co	>= 49.3 %	>= 49.3 %	As Remainder
Iron, Fe	<= 3.0 %	<= 3.0 %	
Manganese, Mn	1.5 %	1.5 %	
Nickel, Ni	10 %	10 %	
Phosphorous, P	<= 0.040 %	<= 0.040 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	
Sulfur, S	<= 0.030 %	<= 0.030 %	
Tungsten, W	15 %	15 %	

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