

Universal Wire Works 55 Nickel Alloy Welding Wire

Category : Metal , Nonferrous Metal , Nickel Alloy

Material Notes:

Universal nickel alloy 55 is designed to arc weld cast iron, malleable iron, ductile iron, and Ni-Resist as well as welding cast irons to steel and high nickel alloys. Alloy 55 is also used for welding high phosphorous irons and casting that have heavy for thick sections. Castings can be welded without preheat, however a more machinable deposit and less stresses will be built up in the welding zone if a preheat of 400 degrees is used. Alloy 55 can be used in all positions with either AC or 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-55-Nickel-Alloy-Welding-Wire.php

Component Elements Properties	Metric	English	Comments
Carbon, C	1.2 %	1.2 %	
Copper, Cu	0.10 %	0.10 %	
Iron, Fe	45 %	45 %	
Manganese, Mn	0.30 %	0.30 %	
Nickel, Ni	53 %	53 %	
Silicon, Si	0.70 %	0.70 %	
Sulfur, S	0.0050 %	0.0050 %	

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