



AEROSPACE MATERIAL SPECIFICATION	AMS5798™	REV. J
	Issued	1958-04
	Revised	2022-08
Superseding AMS5798H		
Nickel Alloy, Corrosion- and Heat-Resistant, Welding Wire 47.5Ni - 22Cr - 1.5Co - 9.0Mo - 0.60W - 18Fe (Composition similar to UNS N06007)		

RATIONALE

AMS5798J is the result of a Five-Year Review and update of the specification. The revision prohibits unauthorized substitution (3.3, 4.4.1, 5.3.1, 8.3), adds country of origin to reports (4.4), and allows prior revision (3.4).

1. SCOPE

1.1 Form

This specification covers a corrosion- and heat-resistant nickel alloy in the form of welding wire.

1.2 Application

This wire has been used typically as filler metal for gas-tungsten-arc or gas-metal-arc welding of parts fabricated from alloys of similar or dissimilar composition, but usage is not limited to such applications.

2. APPLICABLE DOCUMENTS

The issue of the following documents in effect on the date of the purchase order forms a part of this specification to the extent specified herein. The supplier may work to a subsequent revision of a document unless a specific document issue is specified. When the referenced document has been cancelled and no superseding document has been specified, the last published issue of that document shall apply.

2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or +1 724-776-4970 (outside USA), www.sae.org.

- AMS2813 Packaging and Marking of Packages of Welding Wire, Standard Method
- AMS2814 Packaging and Marking of Packages of Welding Wire, Premium Quality
- AMS2816 Identification, Welding Wire, Tab Marking Method
- AMS2819 Identification, Welding Wire, Direct Color Code System
- ARP4926 Alloy Verification and Chemical Composition Inspection of Welding Wire
- AS7760 Terms Used in Aerospace Metals Specifications

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