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1100 Alloy

Alloy Characteristics

Alloy 1100 is highly resistant to chemical attack and weathering. It is a relatively soft alloy that is very formable and is used extensively in thin gauge and foil products. It has good welding characteristics and it is also used as a filler alloy for welding purposes.

A desirable characteristic of the alloy is the bright finishes obtained by anodizing.

Features

Non-Heat treatable

ISO designation A199.0Cu

Principle alloying elements: Copper

Applicable specifications: ANSI/AWS A5.10 (ER & R), ASTM B316, QQ-A-430, AMS 4102

Typical Applications

- Welding Filler Wire
- Heat Exchangers
- Food Handling Equipment
- Rivets
- Tie Wire
- Metallizing

Alloy 1100 Packaging Specifications

Weight	Diameter (in)	Diameter (mm)	Type
1 lb.	.030 in.	0.8 mm	Spools
1 lb.	.035 in.	0.9 mm	Spools
1 lb.	3/64 in.	1.2 mm	Spools
1 lb.	1/16 in.	1.6 mm	Spools
4 lb.	.030 in.	0.8 mm	Spools
4 lb.	.035 in.	0.9 mm	Spools
4 lb.	3/64 in.	1.2 mm	Spools
4 lb.	1/16 in.	1.6 mm	Spools
16 lb.	0.30 in.	0.8 mm	Spools
16 lb.	0.35 in.	0.9 mm	Spools
16 lb.	3/64 in.	1.2 mm	Spools
16 lb.	1/16 in.	1.6 mm	Spools
16 lb.	3/32 in.	2.4 mm	Spools