



Technical Specification Sheet

Alcor® Flux Cored Aluminum Solder

ISO 9001
Cert. No. 31598

Description▪

Alcor flux cored solder provides a cost effective approach to joining aluminum. The melting temperature of 824°F (440°C) provides a larger “window” prior to aluminum base metal melting. The contained flux promotes wetting of the aluminum solder exterior in one operation, and also eliminates a separate flux cost.. The flux core is a non-corrosive flux that does not require post solder cleaning. To improve cosmetics, a hot water wash may be desirable to remove residue.

Physical Properties▪

Soldered aluminum parts typically exhibit shear strength in the 14,000 to 18,000 PSI range. Since joint design and clearance greatly affect strength properties, testing is recommended to determine suitability for application purposes.

NOMINAL COMPOSITION:

Al	2%
Zinc	98%

Available forms▪

2 mm wire in coils, or spools.

Safety Information

WARNING: PROTECT yourself and others. Read and understand this information.

FUMES AND GASES can be hazardous to your health.

HEAT RAYS (INFRARED RADIATION) from flame or hot metal can injure eyes.

- Before use, read and understand the manufacturer's instructions, Material Safety Data Sheet (MSDS) and your employer's safety practices.
- Keep your head out of fumes.
- Use enough ventilation, exhaust at the flame, or both, to keep fumes and gases from your breathing zone and the general area.
- Wear correct eye, ear, and body protection.
- See American National Standard Z49.1, *Safety in Welding, Cutting, and Allied Processes*, published by the American Welding Society, 550 N.W. LeJeune Road, Miami, Florida 33126; OSHA Safety and Health Standards, available from the U.S. Government Printing Office, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954.

STATEMENT OF LIABILITY — DISCLAIMER

Any suggestion of product applications or results is given without representation or warranty, either expressed or implied. Without exception or limitation, there are no warranties of merchantability or of fitness for particular purpose or application. The user must fully evaluate every process and application in all aspects, including suitability, compliance with applicable law and non-infringement of the rights of others. Harris Products Group. and its affiliates shall have no liability in respect thereof.

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