

FEATURES

- Hard And Wear Resistant
- Thermal, Shock And Chemical Resistant
- Superior Durability
- High Electrical Conductivity
- No Pre Or Post Clean Is Required

RS PRO Silver Conductive Adhesive Epoxy, 10g Vial

RS Stock No.: 186-3616



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The silver loaded, conductive epoxy from RS PRO is a two-part thermosetting material with an epoxy resin adhesive base which contains silver flakes. This 2-element epoxy adhesive features high conductive benefits and is ideal for interconnecting and mechanical bonding components to circuits. Using Conductive Epoxy Adhesive can be a safer and more efficient alternative to traditional soldering. Silver-based conductive epoxies are much more oxidise resistant than tin or lid. Unlike tin or lid, they remain conductive even when oxidised. It eliminates the risk of serious conductive issues.

General Specifications

Product Type	Epoxy
Conductive Element	Silver
Package Type	Vial
Package Size	10g
Physical Form	Liquid
Cure Time	36h
Chemical Composition	Silver, 3, 6-Diazaoctanethylenediamin
Odour	Mild Amine-like
Minimum Operating Temperature	-55°C
Maximum Operating Temperature	+150°C
Operating Temperature Range	-55°C → +150°C
Colour	Silver/Grey
Non-Corrosive	Yes/No
Shelf Life	2 years at 30°C
Special Features	Thermally Conductive
Applications	Plastics, Ceramics, Wood, Metal, Glass And Graphite

Mechanical Specifications

Specific Gravity	2.85
Thermal Conductivity	11 W/mK

Approvals

Compliance/Certifications	2011/65/EU and 2015/863
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