

## Silver / Aluminium Conductive Adhesive

P & P Technology conductive silver/aluminium adhesive is a one part electrically conductive room temperature curing elastomer. It is supplied as a readily extrudable paste that cures rapidly when exposed to atmospheric moisture.

Specific Gravity	1.86
Lap Shear Strength min. (PSI)	175
Operating Temp Range (°F)	-55/+400
Skin Over (min)	15
Tack Free (min)	90
Cure for Handling (HRS)	12-24
Full Cure (HRS)	72 - 144
Colour	Blue
Durometer Shore A	68
Tensile Strength PSI (min)	260
Elongation % (min)	155
Tear Strength #/IN (min)	45
Volume Resistivity OHM-CM	.01



Surfaces to be bonded must be clean, dry and oil free. Typical solvents used to clean substrates are acetone, methyl ethyl ketone, xylene and isopropyl alcohol. Apply adhesives directly from their package to the desired area. If maximum adhesion and EMC shielding are desired, apply weight to the sealed interface during cure.

### Storage

Shelf life of adhesives are one year from date of shipment provided the products are stored in the dry, tightly sealed, in their original container below 23°C.

### Cleaning

Uncured adhesives may be removed from a surface with xylene or acetone.

### Safety

Contact with adhesives is irritating to skin and eyes. If contact is made with the skin, the excess should be wiped off with a dry cloth or paper towel followed by a waterless hand cleaner such as the type used to clean grease or oil from the skin.

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