



Conductive Glue

Waterproof [Indoor/Outdoor]

Nanotechnology

Thank you for choosing our highly conductive, water-based, water-resistant and excellent adhesion Glue. We are delighted to share our innovative nanotechnology with you, designed to transform your projects and industry. Our glue offers high conductivity, adhesion, durability and water resistance properties, making it ideal for both indoor and outdoor applications. We truly appreciate your trust in our product and are excited to support you in your future endeavors.

Instructions for optimal conductivity results:

- Thoroughly clean the surface of dust, dirt, and grease before applying the glue. Sanding the surface with fine-grit sandpaper will ensure stronger adhesion.
- **Shake the bottle well before using for 60 seconds at least if it was not used for a long time.**
- Turn the bottle tip counter clockwise to open it.
- Apply the glue on the targeted area and spread it with the spatulas provided in the product box. Larger & thicker glue area means stronger adhesion and structure.
- Hold/clamp the glued area for at least 45 minutes or until the glue is dry to touch.
- It is important to allow the glue to dry at 22°C/72°F for 12 hours for full cure before using.
- **The conductivity under the glue skin is more conductive than the surface, so make sure to cover the connected points completely with the glue.**
- **The glue will achieve the highest conductivity, water resistivity, adhesion and durability once it is completely dry in 24 hours at room temperature & low humidity.**
- For faster drying, you can use a heat gun or hair dryer.
- The glue can be used for indoor and outdoor applications.
- Not for continuous submersion or use below the water line.

Storage and usage instructions:

- Store this product in cool, dry and dark place.
- Shake the bottle well before use for 60 seconds to achieve optimal performance.
- This product can be cleaned with water and soap before it is fully cured. Once cured, it can only be removed by scraping or cracking it, followed by washing with hot water and soap.
- If the glue is thick in the bottle, add a few drops of distilled water and mix for 5 minutes using the mixer provided in the box.





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- To prevent the glue from drying out or spilling, always ensure the bottle tip is tightly closed after each use.
- If the bottle tip is clogged, remove it and clean it with hot water and soap.
- This product is not designed for use with electrical sources exceeding 12 volts DC or 50 milliamps.
- Use this product in accordance with the battery/power source manufacturers' instructions.

Safety and Health Risk warning and information:

- Not for ingestion. In case of ingestion, drink plenty of water. Do not induce vomiting. Rinse mouth and contact a healthcare professional immediately.
- In case of eye contact, immediately rinse eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.
- If product gets on your skin, wash thoroughly with soap and water.
- Keep away from children. Minors under the age of 18 should be supervised by an adult while using this product.
- To minimize the risk of electrical shocks or shorts, apply a protective insulation layer to the glue surface immediately after it dries.
- Always wear protective gear when use this product for your own safety.

Suitable for:

- **Surfaces:** Paper, cardboard, plastic, glass, wood, drywall, metals, concrete.
- **Applications:** Electronics connecting, repairing conductive trace, electronic prototyping, Electrode designing, shielding electrical guitars/musical instruments and EMF Shielding.

Conductivity:

Test#	Description	Min Resistance	Max Resistance
1	Through the glue resistance	0.1 Ω	1.5 Ω
2	Surface resistance (Scratched)	3.0 Ω /sq	10.0 Ω /sq
3	Surface resistance (outer skin)	18.0 Ω /sq	35.0 Ω /sq

For detailed safety information, please refer to the product Safety Data Sheet (SDS) on our website.

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Manufactured in the USA for SilexCore INC.

