



Premium Conductive Paint

Water-Resistant [Indoor/Outdoor] Nanotechnology

Thank you for choosing our highly conductive, water-resistant paint! We are delighted to share our innovative nanotechnology with you, designed to transform your projects and industry. Our paint offers exceptional conductivity, durability, and water resistance, 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 paint. Sanding the surface with fine-grit sandpaper will ensure stronger paint adhesion.
- Use soft brush or roller.
- Make your paint rich and thick.
- Avoid brush stroke's voids and empty lines; this will highly affect the conductivity of your paint.
- For each layer, we recommend applying three strokes of paint using the dip-and-stroke method.
- Each layer requires 24 hours to dry at 72°F. For faster drying, you can use a heat gun or hair dryer. Our tests have shown that this method does not compromise the paint's conductivity.
- The paint will achieve the **highest conductivity, water resistivity and durability** once it is completely dry.
- [Not for continuous submersion or use below the water line.](#)

Storage and usage instructions:

- Store the paint in cool, dry and dark place.
- Mix the paint before use for 60 seconds to achieve optimal conductivity.
- This product can be cleaned by water and soap before it fully cured. If cured use acetone or Rubbing Alcohol to remove it.
- If the paint is dry, add a few drops of 70% isopropyl alcohol (Rubbing Alcohol) or acetone and mix for 5 minutes.
- To prevent the paint from drying out or spilling, ensure the container lid is securely closed after each use.
- It is important to clean any paint on the container's rim before closing it.





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- This product is not designed for use with electrical sources exceeding 12 volts DC or 50 milliamps.
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- Use the paint in accordance with the battery/power source manufacturers' instructions.
- Suitable for both indoor and outdoor projects. For outdoor use, ensure the paint won't be exposed to severe physical stress.

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.
- In accordance with safety regulations, paints should always be used in well-ventilated areas.
- Keep away from children. Children under the age of 14 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 painted surface immediately after the paint dries.

Suitable for:

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

Conductivity:

Test#	Thickness	Min Resistance	Max Resistance
1	20 μm	2.0 Ω/sq	4.0 Ω/sq
2	100 μm	0.5 Ω/sq	1.0 Ω/sq
3	200 μm	1.0 Ω/sq	0.5 Ω/sq

EMF Shielding:

Layer	Attenuation	Effectiveness	Reduction Factor
1	40 dB	99.99%	10,000
2	48 dB	99.9987%	63,096
3	54 dB	99.9996%	251,188

Needs to be grounded to achieve maximum EMF shielding.





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

