

NEW TOOLS & TECHNOLOGY FROM MG

832FXT Flexible Epoxy Resin

832FXC Clear Flexible Epoxy



A two-part flexible epoxy with a controlled, **thicker viscosity** that fills and wets as needed without wicking into unwanted areas of a circuit.



A clear, two-part flexible epoxy for potting and encapsulation, offering low viscosity for coverage and a low modulus to withstand **aggressive thermal cycling**.

NEW RESOURCES FOR ENGINEERS

Dielectric Materials and Coatings

We explore dielectrics: what they are, how they work, and how they're used to protect modern electronics. We walk you through their properties, applications, and the essential role they play in ensuring reliability and safety across a range of electronic systems.

Visit our [Resources page](#) for the latest technical guides and whitepapers

Essential Adhesives Guide for Engineers

From satellites to solar power systems and consumer devices, adhesives have become the backbone of modern technology—providing lightweight structural support and serving double duty as electrically conductive materials.

How to Remove Cured Epoxy

Once epoxy is fully cured, it becomes an extremely tough plastic designed to withstand harsh environments. This makes it great for protection, but a challenge when you need to remove it.

[Resources](#)

[Conformal Coatings: Ultimate Application Guide](#)



A premium acrylic conformal coating engineered for an exceptional surface finish and effortless application. It cures quickly for handling in as little as 15 minutes and features a built-in UV indicator to help ensure complete, consistent coverage.

Engineering Soldering Connections for Space

Pushing technology to new heights requires thinking beyond traditional solutions. When a university CubeSat team needed reliable electrical connections in space and conventional soldering was not an option, we helped them find an innovative alternative.

8330S Electrically Conductive Adhesive

Need to make strong, permanent electrical connections without traditional solder? 8330S is a two-part, electrically conductive epoxy formulated with real silver for high conductivity and strong mechanical performance, making it an ideal solder replacement.



Never Miss a Beat with Conductive Paint

Membrane switches are often subjected to millions of cycles throughout their life. We helped this customer repair their MIDI controller with a solution that would ensure they'd never miss a beat, and be durable enough to last another million cycles.



842UR Faraday Paint for Electronics

When exceptional durability and conductivity are required, our urethane-based silver conductive paint delivers outstanding toughness, adhesion, and flexibility—along with superior EMI shielding.

Solder Paste Essentials for Reliable, Scalable Manufacturing

Looking to scale your operations? Our guide to solder paste covers the different types, clears up common misconceptions, and shows how the right choice can take your manufacturing to the next level.

4900P SAC305 Solder Paste

For manufacturers working with ultra-fine pitch PCB designs, 4900P no-clean solder paste delivers consistent printing, excellent wetting, and smooth, reliable solder joints across wide reflow windows.



Contact us to request detailed datasheets, sample kits, and expert process validation support.

