

3M Science.
Applied to Life.™

Fly Lighter, Work Smarter.

Introducing 3M™ Scotch-Weld™ Epoxy Adhesive EC-9370 B/A FST



Engineered to address the needs of aerospace interior part manufacturers striving to minimize costs and enhance productivity, this two-component, low-density adhesive offers manufacturers the opportunity to streamline operations by serving multiple applications, reducing manufacturing complexities and costs. EC-9370 B/A FST provides both compression strength and a lightweight composition, essential for airframers and airlines seeking to lightweight interior parts.

3M™ Scotch-Weld™ Epoxy Adhesive EC-9370 B/A FST

3M™ Scotch-Weld™ Epoxy Adhesive EC-9370 B/A FST is a two-part, room temperature curing epoxy paste adhesive. It is designed for bonding typical aircraft interior materials, including metals and honeycomb panels where high strength and low density are required. Typical applications include honeycomb panel bonding (ditch and pot, cut and fold, mortise and tenon joints), insert potting, and honeycomb core reinforcement.

- Versatile chemistry enables use across multiple application types enabling customers to streamline manufacturing operations
- A cured density below 0.7 g/cm³, designed for light weighting in aircraft interior applications
- Thixotropic, non-sag paste adhesive
- Meets flammability, smoke density, and toxic gas emission requirements as listed in 14 CFR / CS 25.853 (a) and (d) and ABD0031*
- Room temperature storage



2:1 Mix ratio by volume	 >10 MPa (1450 PSI) Overlap shear strength at room temperature	 Meets FST requirements according to CFR 14 / CS 25.853 and ABD0031*
 <4 hours to handling strength at room temperature	 >35 MPa (5076 PSI) Compressive strength after room temperature cure	
<30 min. Work life at room temperature	<0.7 g/cm³ Mixed density	 Available in 50ml and 200ml duo-pak cartridges and bulk options.

* Tested in accordance with §25.853 (a), Appendix F, Part I (a) (1) (ii), 12-second vertical burn per FAA Policy Statement PS-ANM-25.853-01-R2, Reference 23, Option 1 (in a stand-alone mode, cured test plaque of nominal size: 0.25" x 3" x 12"); §25.853 (d), Appendix F, Part V, smoke density; and AITM 3.0005, smoke toxicity. Installation approval is the responsibility of the design approval holder or the aircraft owner/operator.

Contact Us:

To learn about this product or other 3M™ Structural Bonding Tapes, contact 3M Application Engineering. The team is ready to help you evaluate your needs and implement the most efficient system into your process.

Authorization to Use: Ensure products meet all applicable specifications, standards, and maintenance manual requirements for the platform being worked on and validate all aircraft approvals against current technical documentation.

Warranty and Limited Remedy: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. User is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application. User is solely responsible for evaluating third party intellectual property rights and for ensuring that user's use of 3M product does not violate any third party intellectual property rights. Unless a different warranty is specifically stated in the applicable product literature or packaging insert, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OF NON-INFRINGEMENT OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.



Automotive and Aerospace Solutions Division

3M Center
St. Paul, MN 55144 USA
1-800-328-1684
3M.com/aerospace

3M and Scotch-Weld are trademarks of 3M Company.
Please recycle. © 3M 2023. All rights reserved.