

Fusor® 102 Plastic Cosmetic Repair Adhesive (Fast)

Technical Data Sheet

OBSOLETE

Fusor® 102 adhesive is a two-component, epoxy-based adhesive used for cosmetic repair of scratches and gouges on plastic body panels, hoods, decks and doors.

Features and Benefits:

Easy to Finish – can be easily sanded without loading sand paper.

Versatile – bonds rigid plastics, SMC, fiberglass and GTX.

Excellent Appearance – cures with no bull's-eyes, read-throughs or halos.

Application:

Prepare – Clean the area to be repaired with Fusor 703 adhesion prep/cleaner.

Dish out the repair area and taper it all the way to the bottom of the damage, leaving no square edges in the repair area (see Figure 1).

Apply – Load the cartridge into the applicator and remove the end cap. Level the plungers by expelling a small amount of adhesive to ensure that material is coming out of both sides of the cartridge. Attach mixing tip and dispense a mixer length of adhesive to verify the material is evenly mixed.

Fill the repair area with adhesive. Be sure to slightly overfill the taper area. Force the material into the repair area using a plastic spreader. Work quickly as Fusor 102 adhesive begins to set within 2 minutes under normal working conditions.

Note: Various applications, cleaners/solvents and coatings may not be compatible with this product and should be tested by the user before proceeding with intended repair procedure.

Finish – Allow adhesive to cure for 20 minutes at room temperature, 70°F (21°C), before final sanding Prime and paint per manufacturer's recommendations.

Note: Do not use polyester body fillers over Fusor 102 adhesive, as compatibility issues may result.

For more application information, refer to www.lord.com/fusor for standard operating procedures or application training videos.

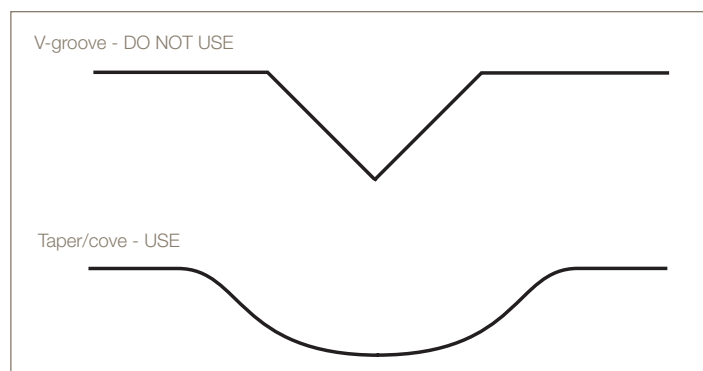


Figure 1. Taper Repair Area

Typical Properties*

Appearance	Beige Paste
Base Chemistry	Epoxy
Work Time	2 minutes @ 70°F (21°C)
Sand Time	20 minutes @ 70°F (21°C)
Paint Time	60 minutes @ 70°F (21°C)
Cure Time	1 hour @ 70°F (21°C)

*Data is typical and not to be used for specification purposes.



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Shelf Life/Storage

Shelf life is 24 months from date of manufacture when stored at 75°F (24°C) in original, unopened container.

Cautionary Information:

Before using this or any Parker LORD product, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Fusor® Repair Products Lifetime Guarantee*

LORD Assembly & Protection Solutions Division of Parker-Hannifin Corporation ("Parker LORD") guarantees to the user that Fusor® Repair Products (adhesives, primers, seam sealers and foams only), when used in strict accordance with Parker LORD application and use instructions, will provide a durable repair for the life of the vehicle per the product's technical data sheet. The user is solely responsible for determining the Fusor product and application method for the repair. Application and product guidance can be found on Fusor.com.

THIS EXPRESS WARRANTY IS MADE IN LIEU OF AND EXCLUDES ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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This guarantee shall only apply to the above referenced Fusor products sold by Parker LORD on or after January 1, 2001.

Fusor Metal Bonding Adhesives shall only be used for the adhesive-only bonding (no welds or rivets) of metal to metal assemblies (steel or aluminum) in full or partial panel replacements of door skins, roof skins, quarter panels, rear body panels and other outer body sheet metal where approved by the vehicle manufacturer.

Fusor products shall not be used for adhesive-only bonding of any structural component unless specifically recommended by the vehicle manufacturer. Structural panels must be replaced in strict compliance with vehicle manufacturer guidelines. If in doubt as to what is a structural component or the proper installation method, contact the vehicle manufacturer. Further, any Fusor products used in marine composite repair, such as with personal water craft and the like, shall be limited to repairs above the water line.

Durability Performance*

Lap Shear Strength ASTM D 1002 SMC	365 psi (2.52 MPa); substrate failure
Torsional Impact Resistance GM 9751 P SMC	60 in-lb (6.78 N-m); substrate failure

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If you have any questions or need to receive proper use instructions, contact the Parker LORD Customer Support Center at +1 800 234 Fusor (3876) or visit Fusor.com.

To comply with the requirements of the Fusor Repair Products Lifetime Guarantee, attach a copy of this completed page to the repair record, and retain with your files:

Vehicle Make/Model: _____

Vehicle Identification Number: _____

Fusor Product(s) Used for Repair: _____

Lot Number(s) on Cartridge(s) Used for Repair: _____

**This guarantee is void if product is used after the date printed on the cartridge label. Parker LORD Terms and Conditions of Sale shall apply to all sales of Fusor products.*



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(CERTIFIED TRAINING PROVIDER)

Instructions contained in this document need to be followed to qualify for the LORD Fusor Lifetime Guarantee. Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

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