

FUSOR® 231 SOUND DAMPENING MATERIAL (SLOW)

Technical Data Sheet

Fusor® 231 sound dampening material is a full-bodied, two-component urethane product used to reduce noise, vibration and harshness (NVH) in all types of dampening applications. Fusor 231 sound dampening material is ideal for placement between outer skins and inner structure.

Features and Benefits

NVH Reduction: reduces noise, vibration and harshness; replaces OEM NVH materials for optimum sound and vibration control.

Excellent Appearance: provides flexible seal with no shrinkage or read through; non-expanding.

Versatile: can be used between roof bows and roof skin, door skin and intrusion beam, quarter panel and inner structure, hood and deck lid skins.

Extended Work Time: allows for use on repairs where more time is required.

Non-Sag: remains in position when applied on vertical or overhead surfaces.

Excellent Adhesion: provides excellent adhesion to metal, e-coat, and existing NVH materials.

Application

Prepare: Remove any necessary panels and use a drop cloth to protect the surrounding area against accidental drippage.

Dry fit the panel first, then clean all bonding areas of any foreign material before applying product.

Apply: Load cartridge into the applicator and remove the end cap. Level the plungers by expelling a small amount to ensure that product is coming out of both sides of the cartridge. Attach mixing tip and dispense a small amount to verify the product is evenly mixed and the color is consistent.

Apply product in “dollops” or a bead to duplicate the original material. Mate panels within the 60-minute work time. Do not apply pressure to panels while curing; deformation may be visible on finished panel.

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.

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

Shelf Life/Storage

Shelf life is 24 months from date of manufacture when stored at 75°F (24°C) in original, unopened container. Do not freeze product.

Typical Properties*

Appearance	Black Paste
Base Chemistry	Urethane
Work Time	60 minutes @ 70°F (21°C)
Cure Time	24 hours @ 70°F (21°C)

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

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.

Durability Performance*

Hardness
Shore A

65

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

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.

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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.

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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Service Education**
CERTIFIED TRAINING PROVIDER

Values stated in this document 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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