

3M™ Weatherstrip Adhesive

Data Sheet

3M Part No.(s) 08011 **3M Part Descriptor(s)** 3M™ Weatherstrip Adhesive Black

Detailed Product Description

3M™ Weatherstrip Adhesive is a strong, flexible, rubbery adhesive that can withstand vibration and extreme temperature variations. It is specifically formulated for use with ethylene propylene diene M-class rubber (EPDM). This type of rubber is commonly used for the vehicles weatherstripping around the doors, trunks, T-tops, and sun roofs. It may also work to hold vinyl headliners and side panels in place. It has fast strength build-up and good creep resistance. As well as bonding weatherstripping, it bonds to a variety of other rubbers, fabrics, gaskets, seals, and metal.

Features, Advantages, Benefits

Features	High strength Flexible Adhesion to many substrates, including EPDM rubber Easy to brush and spread Waterproof Resists oil, grease and solvents
Advantages	Holds weatherstrip tightly to substrate One adhesive to bond a variety of materials Easy for technician to apply Not degraded by contact with most other chemicals
Benefits	Solves problem of bonding EPDM rubber for technician Saves time in installation Highest quality job for customer satisfaction Save money by not needing to stock as many varieties of adhesive

Typical Physical Properties

Container	5 oz. Squeeze Tube	Packaged 1 tube to a box, 6 boxes to a case
Base	See package label or MSDS	
Density lbs/Gallon (Appx.)	6.8 lbs.	
Color	Black	
Flash Point - °F	-6°F (Closed Cup)	
Viscosity (CPS) Brookfield Viscometer	7500-18000 cP	
Solids Content (Appx.)	36%	
Consistency	Medium Paste	
Application Temperature - °F	60°F minimum	
Service Temperature - °F	-40°F to 250°F	
Solvent	See package label or MSDS	

Product Uses

Specifically designed for bonding EPDM weatherstripping to car doors, trunks, t-tops, moon roofs, sun

roofs, and gasketed windshields, windows, mirrors and lenses. May also work for bonding of other rubbers, fabrics, gaskets, seals and metals. *Users should test to determine whether it is fit for the particular purpose and suitable for the user's method of application.

Performance Properties

3M™ Weatherstrip Adhesive P.N. 08011 provides a flexible, durable bond between most porous and non-porous substrates. The following performance data was obtained in the 3M Laboratory under conditions as described. The data is not intended to be used for specification limits. Establishment of specification limits, certification requirements, and test procedures involved must be reviewed and approved by 3M.

Peel Strength

Canvas/Canvas 15 PIW
Canvas/Steel 15 PIW

Creep Resistance

A canvas to canvas bond will hold a 2 pound dead load in peel with relatively no creep in 24 hours.

Heat Resistance

A one square inch bond of canvas to steel will hold a 500 gram weight in shear up to 250°F.

Directions for Use

Thoroughly clean surfaces to be bonded. Wiping with 3M™ General Purpose Adhesive Cleaner, P.N. 08984, or 3M™ Gasket Prep and Parts Cleaner, P.N. 08901, will aid in removing oil and dirt from the surfaces to be bonded. Apply a thin uniform coat of adhesive on each surface. Allow adhesive to dry until tacky but will not transfer to your knuckle when touched. Assemble materials with sufficient pressure to ensure complete contact. Full cure may take as long as 24 hours at 70°F.

* If 'Directions for Use' reference P.N.'s 08984, 08986, or 08987, please read. Federal and local air quality regulations may regulate or prohibit the use of surface preparation and cleanup solvents based on VOC content. Consult your local and Federal air quality regulations for information. When using solvents, use in a well ventilated area. Extinguish all sources of ignition in the work area and observe precautionary measures for handling these materials. Refer to product label and MSDS for P.N. 8984, 8986, or 8987 for detailed precautionary information.

Applications

For bonding EPDM weatherstripping.

For bonding other EPDM parts.

May also work to bond a variety of other rubbers, fabrics, gaskets, seals and metals.

Storage and Handling

Store at room temperature. Rotate stock on a "first-in-first-out" basis. When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 24 months.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product.

NOTICE: This adhesive contains solvents that outgas while curing. These solvents may soften some paints or coatings and cause failure of the paint bond or coating bond. Test compatibility in an inconspicuous spot prior to use.

This product should not be put into a service application prior to achieving its full cure. Full cure may take as long as 24 hours at 70°F.

VOC REGULATED MATERIAL: Please consult State and Local Regulations. C.A.R.B. Category: Contact Adhesive - Special Purpose. See package label for VOC content.

Warranty and Limited Remedy

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: 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. Given the variety of factors that can affect the use and performance of a 3M product, 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.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 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 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.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

For Additional Health and Safety Information

3M Automotive Aftermarket Division
3M Center, Building 223-6N-01
Saint Paul, MN 55144-1000
1-877-666-2277 (1-877-MMM-CARS)

This is the last page

<< End of Document >>