



Technical Data Sheet

3M™ Plastic Adhesive 2262



Product Details



Regulatory Info/SDS

Product Features

- 3M™ Plastic Adhesive 2262 is a high strength adhesive with exceptional resistance to plasticizer migration and bonds vinyl extrusions, flexible and rigid vinyls.
- Plastic Adhesive 2262 dries clear, is non-staining and features a very quick tacking, relatively short bonding range.

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Uncured Physical Properties

Attribute Name	Value
Net Weight	7.1 to 7.5 lb/gal
Base	Synthetic Resin

Typical Physical Properties

Attribute Name	Temperature	Value
Color		Clear
Solids Content by Weight		25 to 28 %
Carrier Solvent		Acetone, THF
Flash Point		-18 °C (0 °F)
Viscosity	27 °C (80 °F)	375 to 675 cP ¹

¹ Brookfield Viscometer RVF #2 spindle @ 20 rpm

Typical Performance Characteristics

180° Peel Adhesion

Dwell Time	Temperature	Environmental Condition	Substrate	Value
24 h	22 °C (72 °F)		Aluminum	136 oz/in (s) ¹
24 h	22 °C (72 °F)		Aluminum	240 oz/in (s) ¹
24 h	22 °C (72 °F)		Glass	136 oz/in (s) ¹
24 h	22 °C (72 °F)		Glass	240 oz/in (v) ¹
24 h	22 °C (72 °F)		Maple	168 oz/in (s) ¹
24 h	22 °C (72 °F)		Maple	248 oz/in (v) ¹
24 h	22 °C (72 °F)		Polyester (PET)	120 oz/in (s) ¹
24 h	22 °C (72 °F)		Polyester (PET)	256 oz/in (v) ¹
24 h	22 °C (72 °F)		Steel	112 oz/in (s) ¹
7 d	22 °C (72 °F)		Aluminum	304 oz/in (s) ¹
7 d	22 °C (72 °F)		Aluminum	304 oz/in (v) ¹
7 d	22 °C (72 °F)		Glass	240 oz/in (s) ¹
7 d	22 °C (72 °F)		Glass	288 oz/in (v) ¹

Dwell Time	Temperature	Environmental Condition	Substrate	Value
7 d	22 °C (72 °F)		Maple	320 oz/in (s) ¹
7 d	22 °C (72 °F)		Maple	280 oz/in (v) ¹
7 d	22 °C (72 °F)		Polyester (PET)	232 oz/in (s) ¹
7 d	22 °C (72 °F)		Polyester (PET)	256 oz/in (v) ¹
7 d	22 °C (72 °F)		Steel	272 oz/in (s) ¹
7 d	22 °C (72 °F)	100%RH	Glass	0 oz/in (s) ¹
7 d	22 °C (72 °F)	100%RH	Aluminum	TV oz/in ¹
7 d	22 °C (72 °F)	100%RH	Polyester (PET)	272 oz/in (s) ¹
7 d	22 °C (72 °F)	100%RH	Aluminum	192 oz/in (s) ¹
7 d	22 °C (72 °F)	100%RH	Glass	0 oz/in (s) ¹
7 d	22 °C (72 °F)	100%RH	Maple	TV oz/in ¹
7 d	22 °C (72 °F)	100%RH	Maple	272 oz/in (v) ¹
7 d	22 °C (72 °F)	100%RH	Polyester (PET)	208 oz/in (v) ¹
7 d	22 °C (72 °F)	100%RH	Steel	272 oz/in (s) ¹
7 d	60 °C (140 °F)		Aluminum	TV oz/in ¹
7 d	60 °C (140 °F)		Aluminum	208 oz/in (v) ¹
7 d	60 °C (140 °F)		Glass	TV oz/in ¹
7 d	60 °C (140 °F)		Maple	TV oz/in ¹
7 d	60 °C (140 °F)		Maple	224 oz/in (v) ¹
7 d	60 °C (140 °F)		Polyester (PET)	336 oz/in (s) ¹
7 d	60 °C (140 °F)		Polyester (PET)	224 oz/in (v) ¹
7 d	60 °C (140 °F)		Steel	320 oz/in (s) ¹

¹ 180° peel @ 2 in/min
Bonding vinyl (~30 pph plasticizer), mated after 3-5 min while surfaces tacky.
Adhesion varies with different plasticizer.

c: Cohesive failure
s: Substrate adhesive failure
v: Failed vinyl adhesion
TV: Vinyl tore first

Handling/Application Information

Directions for Use

1. Surface Preparation: Surfaces must be clean, dry and dust free. Wiping with a solvent such as methyl ethyl ketone (MEK)* will aid in removing oil and dirt.
 2. Application Temperature: For best results, the temperature of the adhesive and the surfaces being bonded should be at least 65°F (18°C).
 3. Application: Brush a uniform coat of adhesive on both surfaces.
 4. Drying Time: Allow adhesive to dry until tacky but does not transfer to knuckle when touched (typically about 5 minutes depending on temperature, humidity, etc).
 5. Bonding: When the adhesive dries to the tacky stage, you have up to 20 minutes to complete the bond. Combine the surfaces using firm pressure to ensure good contact.
 6. Cleanup: Excess adhesive may be removed with a solvent such as methyl ethyl ketone (MEK),* preferably while the adhesive is still wet.
- *Note: When using solvents, extinguish all ignition sources and follow the manufacturer's precautions and directions for use.

Application Equipment

Note: Appropriate application equipment enhances adhesive performance. We suggest the following application equipment for the user's evaluation in light of the user's particular purpose and method of application.

1. Pumping:
 - A. 5 gallon pail dispensing system: Use a 2:1 ratio divorced design, double acting ball check type pump, 3 oz. per cycle, 2 inch air motor, syphon feed.
 - B. 55 gallon dispensing system: Use a 2:1 ratio divorced design double acting ball check type pump, 3 oz. per cycle, 2

inch air motor, bung mounted.
Glands and packings in contact with adhesive should be PTFE.

2. Hoses: Fluid hoses should be 200 psi working pressure minimum, nylon lined.
3. Brushes: Brushes designed to be used with oil based paints may be used.

Storage and Shelf Life

Store product at 60-80°F (15-26°C) for maximum storage life. Higher temperatures reduce normal storage life. Lower temperatures cause increased viscosity of a temporary nature. 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 30 months from date of manufacture.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501.

Automotive Disclaimer

Select Automotive Applications: This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

Information

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and 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. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer’s application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 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, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 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 for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Disclaimer: 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com.

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

3M
Industrial Adhesives and Tapes Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550

3M is a trademark of 3M Company.
©3M 2022 (5/22)