

Technical Data Sheet

3M™ Super 77™ Multipurpose Cylinder Spray Adhesive

Product Description

A high tack, high coverage and fast drying adhesive.


Product Features


- A high tack, high coverage fast drying, transparent adhesive for permanently attaching foils, carpeting, many lightweight foams, paper, cardboard, felt and cloth to painted or unpainted metals, wood, hardboard and other base materials.
- It provides high initial "grab" with sufficient open time to allow for positioning of materials.
- Low soak-in gives better looking and higher coverage bonds.
- Soft, non-dimpling glue lines

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 Physical Properties

Property	Values	Additional Information
Solids Content by Weight	27 %	
Spray Pattern	Mist	
Color	Translucent	
VOC	548 g/L	
Coverage	124 sq ft	View 
Notes: @ 2.5 gms /ft ² per lb (sqft)		
Hazardous Air Pollutants (HAPS)	0.9 % by weight	
SCAQMD 1168 Compliant	No	

Dry Time (s)	15 to 60 s	View 
--------------	------------	------------------------------------------------------------------------------------------

Notes: Dry time will depend on ambient temperature, humidity and coverage applied.

Shear Adhesion Failure Test - SAFT	150 °F	View 
------------------------------------	--------	------------------------------------------------------------------------------------------

Notes: SAFT Shear Adhesion Failure Test with birch plywood, 1 inch overlap, 100 grams used, temperature start at 90°F and ramped 10°F every 10 min. until complete failure.

Flammable Solvent	Yes
-------------------	-----

Flammable Propellant	Yes
----------------------	-----

Base	Synthetic Elastomer
------	---------------------

Bonding Range	15 sec - 15 min
---------------	-----------------

Typical Uncured Physical Properties

Property	Values	Additional Information
Density	6.5 lb/gal	

Available Sizes

Storage and Shelf Life

Store product at 60-80°F (16-27°C) for maximum storage life. Higher temperatures reduce normal storage life. Lower temperatures may 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 container, this product has a shelf life of 21 months from date of manufacture.

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.

Bottom Matter

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

Trademarks

3M is a trademark of 3M Company.

The GREENGUARD INDOOR AIR QUALITY CERTIFIED Mark is a registered certification mark owned by Air Quality Sciences, Inc. and used under license through the Greenguard Environmental Institute.

LEED® is a registered trademark of the United States Green Building Council (USGBC).

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b5005321057/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=77 Cylinder Spray Adhesive

Family Group

Link Tags:

- 77 Multipurpose Spray Adhesive
- 77 Cylinder Spray Adhesive
- 77 Spray Adhesive (Bulk)

Products	Solids Content by Weight	Spray Pattern	Color
77 Multipurpose Spray Adhesive	25 %	Mist	N/A
77 Cylinder Spray Adhesive	N/A	Mist	Translucent
77 Spray Adhesive (Bulk)	N/A	Mist	Translucent

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.

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.

Please recycle. 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.