



# Double Coated Acrylic Tape

## 9088-200 • 9088F-200

Technical Data

March 2016

### Product Description

3M™ Double Coated Tapes with 3M™ Modified Acrylic Adhesive 375 provides an excellent balance of adhesive peel and shear performance. The adhesive system used on this product provides good adhesion to both high and low surface energy substrates. The initial tack provided ensures that a bond of good integrity is achieved soon after application.

### Construction Information



Product	Tape (Total w/o Liner)	Adhesive 1	Carrier Type	Adhesive 2	Liner Type	Liner Color
	Thickness mils (mm)	Thickness mils (mm)	Thickness mils (mm)	Thickness mils (mm)	Thickness mils (mm)	
3M Double Coated Tape 9088-200	7.9 mils (0.20 mm)	Acrylic 3.7 mils (0.094 mm)	PET 0.5 mils (0.012 mm)	Acrylic 3.7 mils (0.094 mm)	58# Glassine (94g/m <sup>2</sup> ) 3.2 mils (0.08 mm)	
3M Double Coated Tape 9088F-200	7.9 mils (0.20 mm)	Acrylic 3.7 mils (0.094 mm)	PET 0.5 mils (0.012 mm)	Acrylic 3.7 mils (0.094 mm)	Red Polypropylene Film 3.2 mils (0.08 mm)	

**Note:** Adhesive 1 is on the interior of the roll, exposed when unwound, Adhesive 2 is on the exterior of the roll, exposed when liner is removed. The thickness listed is based on a calculation from manufacturing controlled adhesive coat weights using a density of 1.012 g/cc. While past data pages have listed nominal thicknesses, the coat weight (and theoretical caliper) has not changed.

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## Typical Physical Properties and Performance Characteristics

### I. 180° Peel Adhesion: ASTM D-3330 (Modified: 2 mil aluminum foil backer)

Substrate	72 hr Dwell @ RT
Stainless Steel	159 oz/in 174 N/100 mm
Polycarbonate	166 oz/in 182 N/100 mm
Glass	153 oz/in 167 N/100 mm
ABS	135 oz/in 148 N/100 mm
HDPE	55 oz/in 60 N/100 mm

### II. Static Shear Strength

Temperature	Size	Weight	Minutes
72° (23°C) 50%RH	1" x 1"	1000 grams	10,000
158°F (70°C) 50% RH	1" x 1"	500 grams	10,000

\*Test terminated at 10,000 minutes

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## Environmental Performance

**UV Resistance** – When properly applied, nameplates and decorative trim parts are not adversely affected by outdoor exposure.

**Bond Build-up:** The bond strength of 3M™ Adhesive 375 increases as a function of time and temperature.

**Temperature/Heat Resistance:** Adhesive 375 is usable for short periods (minutes, hours) at temperatures up to 300°F (150°C) and for intermittent longer periods (days, weeks) up to 195°F (90°C).

**Lower Temperature Service Limit:** --10°F (-23°C).

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## Application Ideas

- Point of Purchase Displays
- Indoor/Outdoor Signage
- Paper Bonding and Packaging
- Splicing
- Mounting of Plastic Parts
- Mounting of Furniture and Decorative Trims

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## Master Width

Product	Master Width
9088-200/9088F-200	48" (1220mm) x 55yds (50m)

More sizes may be available. Please call 800-223-7427 or talk to your local 3M representative for more information.

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## Storage

It is suggested that products are stored at room temperature conditions of 70°F (21°C) and 50% relative humidity.

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## Shelf Life

If stored properly, product retains its performance and properties for 18 months from date of shipment.

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## Recognition/ Certification

**TSCA:** This product is defined as an article under the Toxic Substances Control Act and therefore, it is exempt from inventory listing requirements

**SDS:** 3M has not prepared a SDS for this product which is not subjected to the SDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R.1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, this product should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the directions for use may affect its performance and present potential health and safety hazards.

**Note:** One of 3M's core values is to respect our social and physical environment. 3M is committed to comply with ever-changing, global, regulatory and consumer environmental, health, and safety (EHS) requirements. As a service to our customers, 3M is providing information on the regulatory status of many 3M products. Further regulation information including that for OSHA, USCPST, FDA, California Proposition 65, REACH and RoHS, can be found at [3M.com/regs](http://3M.com/regs).

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## Technical Information

The technical information 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. It has been prepared from testing that was performed using standard test methods, and tested equipment that is calibrated in compliance to ISO9001 and operated by trained professionals in controlled environments. The data should be considered representative or typical only and should not be used for specification purposes. 3M reserves the right to make changes to the design, construction and technical data of products without prior warning.

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## 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 evaluation the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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## Warranty, Limited Remedy and Disclaimer

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## Limitation of Liability

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ISO 9001

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



Adhesive Transfer Tapes  
are also available with this adhesive!

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**R3** Product Customization  
Program

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For more information contact your local 3M representative or call 800-223-7427



### Industrial Adhesives & Tapes Division Converter Markets

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