



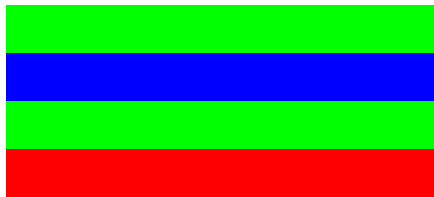
General Purpose Double Coated Non-Woven Tape

9070

Technical Data

Product Information	#9070	0.15 mm Thickness Acrylic Adhesive Double side Silicone treated/Polycoated Liner
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Construction



Acrylic Adhesive
Non-Woven
Acrylic Adhesive
Polycoated Liner

Adhesive Type	Cross-linked, Tackified Acrylic Adhesives
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Adhesive Carrier	Non-woven
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Thickness	Tape only	0.15 mm \pm 0.01 mm
	Release Liner	0.13 mm \pm 0.02 mm

Color	Off-white
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Release Liner	Polycoated Paper(printed)
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* Pressure Sensitive Acrylic Adhesive(Cross-linked, tackified) provide excellent initial tack and adhesion to a wide variety surface including many low surface energy plastics.

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Typical Physical Properties and Performance Characteristics

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

Peel Adhesion : 1700 grams/25.4mm
to stainless steel
Room Temperature
180 ° Angel peel
12 in./min. Jaw speed
(305 mm/min)
72 hour Dwell ASTM D-3330

Static Shear
1 inch²(6.45 cm²) 72 °F(22 °C) 1,000 grams
Overlap will hold
listed weight for 158 °F(70 °C) 500 grams
10,000 min(ASTM D-3654)

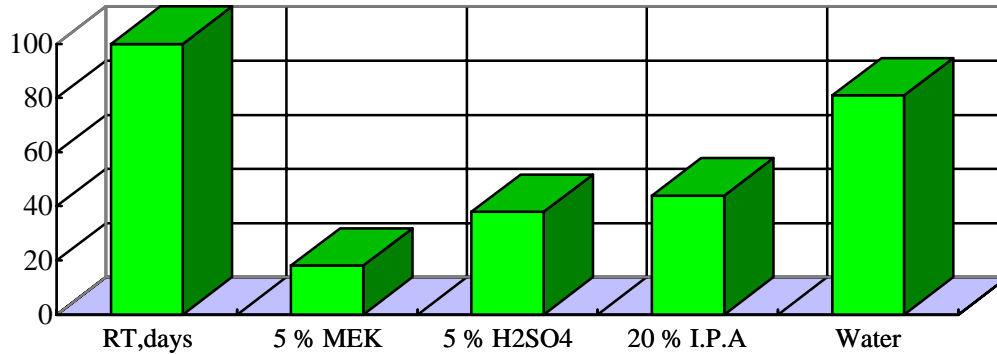
Liner Release
1 inch(25.4 mm) width Max. 50 grams
Jaw Speed : 12 inch/min
(305 mm/min)

Temperature Resistance

Short Term(minutes, hours) 120 °C
Long Term(Days, Weeks) 90 °C

Solvent Resistance : Adhesion to Stainless steel, % adhesion retention,100 hour immersion
12 inch/min(305 mm/min) rate of peel,

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Shelf Life 12 month from date of receipt by customer when stored in original carton at 70°F(22 °C) and 50 % relative humidity

Available Sizes

Standard roll Length 50 M/100/200M

Roll width 1,200 mm

Slitting Tolerance \pm 0.8 mm

Application Techniques

- . Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure help develop better adhesive contact and improve bond strength.

- . To obtain optimum adhesion, the bonding surfaces must be cleaned, dry and well unified. Typical surface cleaning solvents are isopropyl alcohol and water(rubbing alcohol) or heptane.

Note : Be sure to follow the manufacturer's precautions and direction for use when using solvents

temperature below
adhesive too firm

- . Ideal tape application temperature range is 70°F(22°C) to 100°F (38 °C). Initial tape application to surface at 50°F(10 °C) is not recommended because the

to adhere readily. However once properly applied, low

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temperature holding is generally satisfactory.

Application Idea	<ul style="list-style-type: none">- The conformable construction makes these products ideal for many joining, mounting, gasketing, and sealing application involving irregular surface. - #9070 tapes are specially formulated for many indoor general purpose mounting and joining application, including bonding to Polyethylene, Polypropylene and many other plastics, where moderate temperature and shear performance are required. - #9070 tape are formulated for more demanding indoor and moderated outdoor general purpose mounting and joining application. - Application idea for these Double coated Taps<ul style="list-style-type: none">Sign, Nameplates and PlaquesPoint of purchase and other displaysPlastics Hooks, Racks and DispensersWire and Cable ClipsAppliance, Display Case and Electronics Equipment TrimForm LaminatingLight weight material bondSplicing
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For Additional Information	<p>To request additional product information for sales assistance, call 82-2-3771-4030. Address correspondence to : Bonding System Division, 3M Korea LTD, DAEHAN INVEST TRUST BLDG 22 ND, YOIDO-DONG, YONGDEUNGPO-GU, SEOUL KOREA</p> <p>Our fax number is 82-2-786-7429.</p>
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User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factor can affect the use and performance of a 3M BSD product in particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the condition in which the product is used, and the time and environmental conditions in which the product is expected to performance are among the many factors that can affect the use and performance of a 3M product. given the variety of factor that can affect the use and performance of a 3M ITSD product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

If the 3M product is provided to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURXHASE PRICE OF REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or conscquential, regardless of the theory asseted, including negligence, warranty, or strict liability.

This Bonding System Division product was manufactured under a 3M quality system registered to ISO 9002 standards

ISO 9002
