3M

3M Brand Double Coated # 9080HL Non-woven Tape

Technical Data	October,	201	15
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Production Description # 9080HL Double Coated Non-woven

Tape with Polycoated Paper Liner

Tape Construction



Acrylic Adhesive Non-woven Acrylic Adhesive Polycoated Paper Liner

Adhesive Type Cross linked, Tackified Acrylic Adhesive

Carrier Type Non-woven

Thickness Tape only 0.160 mm

Release liner 0.160 mm

Normal Tolerance ± 15 %

Color White

Release Liner Polycoated Paper Liner

3M Logo printed

Roll Length		
Standard	m	50
Roll width:		
Minimum	mm	6.4
Maximum	mm	1200
Slitting Tolerance	mm	± 0.8
Typical Physical N	Note: The following technic	eal information and data should be considered
Properties and representative or typical only and should not be used for specif		only and should not be used for specification
Performance	purposes.	
Peel Strength to SUS	grams/25 mm	1900
ASTM D 3330		
180 peel Adhesion;		
Room Temperature 72	2 hour aging	
Jaw Speed: 305 mm/	min; with Al strip	
Static Shear	min	10,000
500 grams loading on	stainless steel	
6.45 cm ² overlap at ro	oom temperature	
ASTM D 3654		
Liner Release		
1 inch(25.4 mm) width		Max. 50 grams
Jaw Speed: 12 inch/n	nin (305 mm/min)	
Temperature Resistan	ce	
Short Term(minute	s, hours)	120 ℃
Long Term(Days, Weeks)		90 ℃

Shelf Life

24 months from date of manufacture when stored in original cartons at room temperature & 50 % RH

Application Techniques

△Bond strength is dependent upon the amount of adhesive-to-surface contact developed, firm application pressure helps develop better adhesive contact and improve bond strength.

△ To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Typical surface cleaning solvents are isopropyl alcohol and water (rubbing alcohol) or heptane. Note; Be sure follow the manufacturer's precautions and directions for use when using solvents.

 \triangle deal tape application temperature range is 21 °C to 38°C). Initial tape application to surfaces at temperatures below 10 °C is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

Application Idea

-. #9080HL 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.

- -. #9080HL tape are formulated for more demanding indoor and moderated outdoor general purpose mounting and joining application.
- Application idea for these Double coated Taps Sign, Nameplates and Plaques
 Point of purchase and other displays
 Plastics Hooks, Racks and Dispensers

Wire and Cable Clips
Appliance, Display Case and Electronics Equipment Trim
Form Laminating
Light weight material bond
Splicing

For Additional Information

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 Our fax number is 82-2-786-7429.

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ISO 9002 standards					