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Technical D	ata			October, 2015
Production De	scription	# 9080HL	Double Coated Non-woven	
			Tape with Polycoated Paper Lin	er
Tape Construc	tion			
		Acry	lic Adhesive	
		Non	woven	
		Acry	lic Adhesive	
		Poly	coated 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 prin	ted	

Roll Length

Standard	m	50			
Roll width :					
Minimum	mm	6.4			
Maximum	mm	1200			
Slitting Tolerance	mm	± 0.8			
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•••	Typical Physical Note : The following technical information and data should be considered				
-	representative or typical 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 h	our aging				
Jaw Speed : 305 mm/min ; with Al strip					
Static Shear	min	10,000			
500 grams loading on sta	ainless steel				
6.45 cm^2 overlap at room temperature					
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, I	hours)	120 °C			
Long Term(Days, Weeks) 90 °C					

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. ♦ 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.	
Important Notice	3M MAKES NO WARRANTES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. 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 of a 3M product. given the variety of factor that can affect the use and performance of a 3M BSD 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

consequential, 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

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