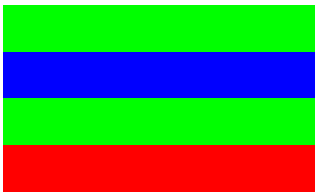
3 Double Coated
#9080HL Non-woven Tape

Technical Data Jun, 1998

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)		50 meter
Roll width		
	Minimum	6.4 mm
	Maximum	1200 mm

Slitting Tolerance	±0.8 mm

Typical Physical Properties and Performance	**The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**
180° Peel Strength to SUS ASTM D 3330(RT, 72 hour aging)	1900 gram/25mm
Static Shear ASTM D 3654(0.5Kg load, SUS, 6.45cm^2 overlap at RT)	10,000 minute
Liner Release(25.4mm width) Jaw speed : 305 mm/min	Max. 50 gram
Temperature Resistance	
Short Term(minutes, hours)	120 ℃
Long Term(Days, Weeks)	90 ℃

Shelf Life	12 months from date of manufacture when stored in original carton at room temperature & 50% RH

Application Techniques	Bond strength is dependent upon the amount of adhesive-to-surface contact, and 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.) Store and apply the tape at 21℃ to 38℃ Initial tape apply to surfaces at below 10℃ is not recommended because adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

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