

3M™ Differential Double Coated Tapes³

Adhesive Family ¹	Product	Description/Application Ideas	Tape Cal. (mils)	Carrier Type	Liner ²		Master Size	Specs	Adhesion				Chemical Resistance	Temperature	
					Type	Caliper (mils)			Metal	HSE Plastic	LSE Plastic	Foam		Low °F (°C)	High °F (°C)
350/ Silicone Differential Adhesive	9731	Differential adhesive-silicone adhesive on back side. Silicone keypad attachment, printer toner cartridge refurbishing.	5.5	PET	58# PCK/ 3 mil PET	2.9/4.2	48" x 108 yd*	—	9	10	10	9	8	-40 (-40)	250 (121)
200MP/ 300LSE Differential Adhesive	9496LE	Adhesive 200MP provides excellent bond strength to a variety of high surface energy substrates. 300LSE bonds to powder coated metals, oily metals and LSE plastic.	6.7	PET	58#/58#	4.2/4.2	24" x 36"	—	10	9	1	3	9	-40 (-40)	250 (121)
									9	10	10	1	7		
Acrylic/ Rubber Differential Adhesive	9817M	Exposed side is acrylic, liner side is rubber-based. Excellent quick stick and adhesion to high and low energy surfaces.	3.3	PET	74# Kraft	3.5	60" x 250 yd*	—	8	8	7	6	3	-40 (-40)	175 (79)

3M™ Removable/Repositionable Tapes

Adhesive Family ¹	Product	Description/Application Ideas	Tape Cal. (mils)	Carrier Type	Liner ²		Master Size*	Specs	Adhesion				Chemical Resistance	Temperature	
					Type	Caliper (mils)			Metal	HSE Plastic	LSE Plastic	Foam		Low °F (°C)	High °F (°C)
400/ 1000 Differential Adhesive³	9415PC	High-tack/low tack differential adhesive. Polyester film carrier.	2	PET	78# PCK	6.0	48" x 216 yd	—	5	5	5	4	5	-20 (-29)	150 (65)
	9416	High-tack/low tack differential adhesive. Tissue carrier.		Tissue	70# PCK	5.6	47" x 432 yd		3	1	1	—	2		
420/ 1050 Differential Adhesive³	9425	High-tack/medium tack for repositionable parts. Hot wire cuttable.	5.5	UPVC	58# PCK	4.2	48" x 144 yd	—	8	7	1	4	2	-20 (-29)	125 (52)
	9425HT	High-tack/medium tack acrylic adhesive offers permanent adhesion to one substrate with removability to the other.	5	PET			48" x 360 yd		8	7		4			125 (52)
400/ 1070 Repositionable Acrylic³	665	Medium tack/medium tack differential adhesive. Hot wire cuttable. Linerless.	3.5	UPVC	None	—	48" x 216 yd	—	5	5	5	4	5	-60 (-51)	125 (52)
	666	Linered version of 665.			LDPE	4.0	48" x 108 yd								
100 High Temp. Acrylic	4658F	Clear, closed foam acrylic foam tape. Initially repositionable, but will create permanent bond.	31.0	None	PET	2.0	48" x 162 yd	—	9	8	1	—	9	-40 (-40)	450 (232)
1000 Repositionable Acrylic	9449S	Low tack adhesive transfer tape laminates to various substrates to make them repositionable.	0.4	None	55# DK	2.5	48" x 360 yd	—	3	1	1	—	2	-20 (-29)	250 (121)

1. More information on pages 10–13. 2. More information on page 14. 3. Second number reflects removable adhesive side.

*Select products have multiple master sizes.

Values: 1 = Lowest Performance; 10 = Highest Performance

Rankings are a general guide. Adhesives should be tested with actual components to ensure acceptable performance.



Making changes easier.

3M™ Repositionable Tapes are double coated. Ideal for applications where one or both parts need to be repositioned or removed easily.

9415PC

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