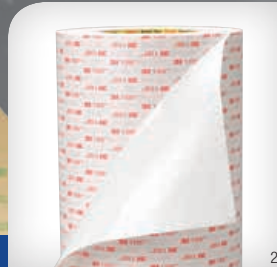
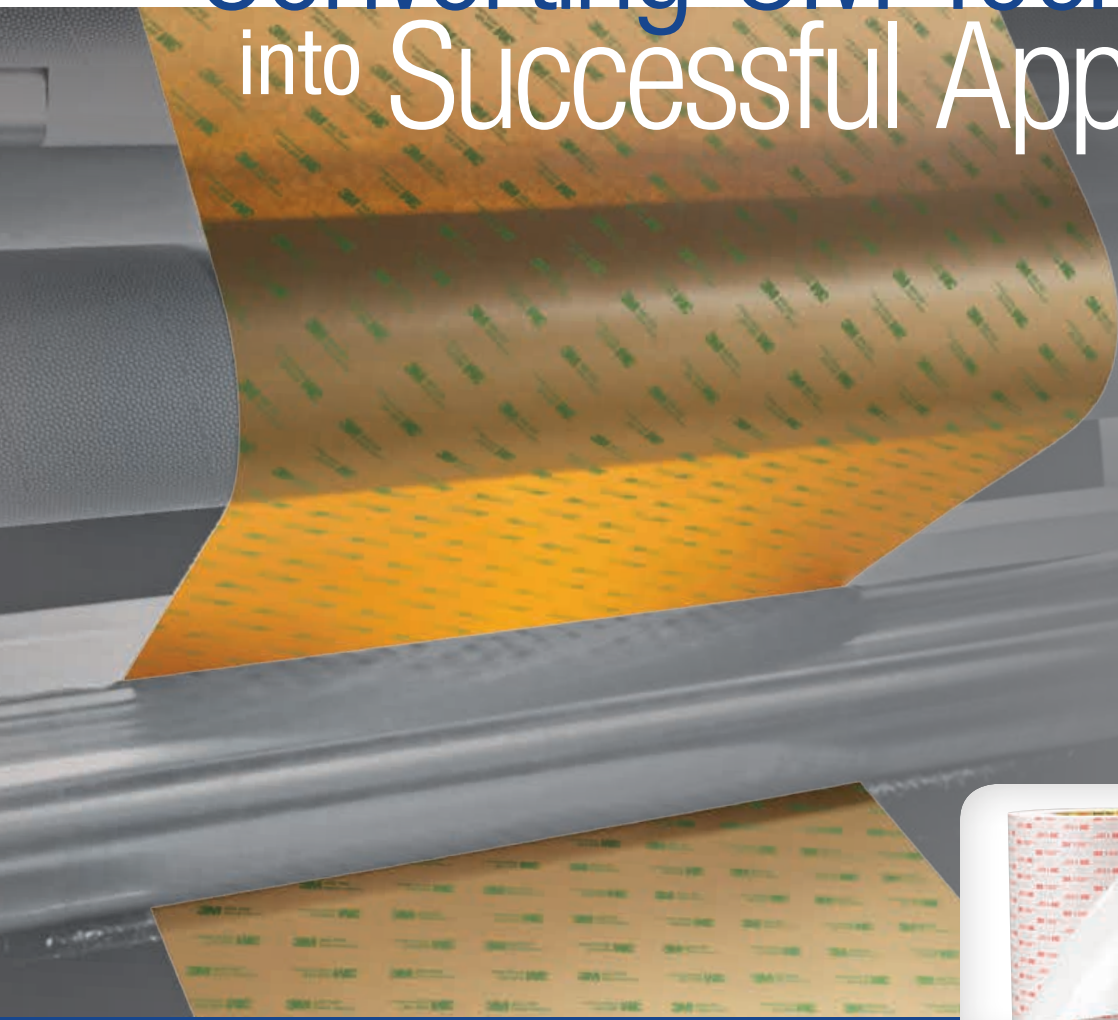


Converting 3M Technology into Successful Applications



Selection Guide
April, 2015



3M™ Membrane Switch Spacers — Double Coated Spacers

Adhesive Family ¹	Product	Description/ Application Ideas	Construction			Sheet Size Master Roll	Specs
			Total Thickness (mils)	Top Liner Adhesive Type Carrier Adhesive Type Bottom Liner	Caliper (mils)		
▶ 100MP High Performance Acrylic	7979	Premium adhesive for harsh chemical and high temperature resistance. High shear strength withstands repeated stresses from switch actuation. Both liners are printed.	9	58# PCK 100 MP* Polyester 100 MP* 58# PCK	2 5 2	24" x 36" 48" x 360 yd	—
	7945MP	Excellent temperature, chemical and UV resistance. High shear strength withstands repeated stresses of switch actuation. Designed to separate switch circuitry until actuation. Both liners are printed.	5	58# PCK 200MP Polyester 200MP 58# PCK	2 1 2	24" x 36" 48" x 360 yd	UL
	7953MP	Same characteristics as 7945MP. Primary liner is printed. Also used for graphic attachment.	3.5	58# PCK 200MP Polyester 200MP 58# PCK	1.5 0.5 1.5	24" x 36" 48" x 360 yd	UL
	7953HL	Same characteristics as 7953MP with a single liner.	3.5	83# PCK 200MP Polyester 200MP	1.5 0.5 1.5	48" x 360 yd	—
	7956MP	Same characteristics as 7945MP. Both liners are printed.	6	58# PCK 200MP Polyester 200MP 58# PCK	2 2 2	24" x 36" 48" x 360 yd	UL
	7956MWS	For use in graphic and non-graphic applications. Metallized vapor coat and white color provide strong opacity for facilitating backlighting and eliminating floodcoats. Single liner.	6	58# PCK 200MP Polyester (white, vapor coated) 200MP	2 2 2	48" x 360 yd	UL
	7956WDL	Same characteristics as 7956MWS except in sheets.	6	58# PCK 200MP Polyester (white, vapor coated) 200MP 58# PCK	2 2 2	24" x 36" 48" x 360 yd	UL
	7957MP	Same characteristics as 7945MP, except thicker polyester. Both liners are printed.	7	58# PCK 200MP Polyester 200MP 58# PCK	2 3 2	24" x 36" 48" x 360 yd	UL
	7959MP	Same characteristics as 7945MP, except thicker polyester. Both liners are printed.	9	58# PCK 200MP Polyester 200MP 58# PCK	2 5 2	24" x 36" 48" x 360 yd	UL
	7961MP	Same characteristics as 7945MP, except thicker polyester. Both liners are printed.	11	58# PCK 200MP Polyester 200MP 58# PCK	2 7 2	24" x 36" 48" x 360 yd	UL
	7966MWS	For use in graphic and non-graphic applications. Metallized vapor coat and white color provide strong opacity for facilitating backlighting and eliminating floodcoats.	9	58# PCK 200MP Polyester (white) 200MP	2 2 5	48" x 360 yd	UL
	7966WDL	Same characteristics as 7966MWS except in sheets.	9	58# PCK 200MP Polyester (white, vapor coated) 200MP 58# PCK	2 2 5	24" x 36" 48" x 360 yd	UL
	9045MP	Excellent high temperature, chemical, and UV resistance. High cohesive strength withstands repeated stresses of switch actuation. Heavy liner for improved handling and lay-flat properties. Both liners are printed.	5	94# PCK 200MP Polyester 200MP 94# PCK	2 1 2	24" x 36" 48" x 360 yd	UL

1 – More information on pages 8–9. *Products in this platform are 3M™ VHB™ Tapes offering our highest strength.

▶ **Go-To Product**

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

3M™ Membrane Switch Spacers — Double Coated Spacers (cont.)

Adhesive Family ¹	Product	Description/ Application Ideas	Construction			Sheet Size Master Roll	Specs
			Total Thickness (mils)	Top Liner Adhesive Type Carrier Adhesive Type Bottom Liner	Caliper (mils)		
▶ 200MP High Performance Acrylic (cont.)	9056MP	Same characteristics as 9045MP, except thicker polyester. Both liners are printed.	6	94# PCK 200MP Polyester 200MP 94# PCK	2 2 2	24" x 36" 48" x 360 yd	UL
	9057MP	Same characteristics as 9045MP, except thicker polyester. Both liners are printed.	7	94# PCK 200MP Polyester 200MP 94# PCK	2 3 2	24" x 36" 48" x 360 yd	UL
	9059MP	Same characteristics as 9045MP, except thicker polyester. Both liners are printed.	9	94# PCK 200MP Polyester 200MP 94# PCK	2 5 2	24" x 36" 48" x 360 yd	UL
	9061MP	Same characteristics as 9045MP, except thicker polyester. Both liners are printed.	11	94# PCK 200MP Polyester 200MP 94# PCK	2 7 2	24" x 36" 48" x 360 yd	UL

1 – More information on pages 8–9.

3M™ Membrane Switch Spacers — Single Coated Spacers

Adhesive Family ¹	Product	Description/ Application Ideas	Construction			Sheet Size Master Roll	Specs
			Total Thickness (mils)	Carrier Adhesive Type Bottom Liner	Caliper (mils)		
▶ 200MP High Performance Acrylic	7992MP	Adhesive 200MP on one side of a clear polyester carrier.	4	Polyester Film 200MP 94# PCK	2 2	24" x 36" 48" x 360 yd	—
	7992MPW	Adhesive 200MP on one side of a white polyester carrier. Ideal for providing keypad light management in membrane switch circuit.	4	White Polyester Film 200MP 94# PCK	2 2	24" x 36" 48" x 360 yd	UL
	7993MP	Excellent temperature, chemical, and UV resistance. Used for lead protection, dome retainer sheets, and for printing conductive circuitry.	3	Polyester Film 200MP 94# PCK	1 2	24" x 36" 48" x 360 yd	UL
	7995MP	Same characteristics as 7993MP, except with thicker polyester.	5	Polyester 200MP 94# PCK	3 2	24" x 36" 48" x 360 yd	UL
	7997MP	Same characteristics as 7993MP, except with thicker polyester.	7	Polyester 200MP 94# PCK	5 2	24" x 36" 48" x 360 yd	UL

1 – More information on pages 8–9.

3M™ Screen Printable Adhesives

Product Group	Product	Description/ Application Ideas	Adhesion Specs	Size
Screen Printable Adhesives	SP7533	Water-dispersed, pressure sensitive. Excellent balance of peel and shear strength. High heat resistance.	Process dependent	1 liter (6/case) 5 liters (2/case) 1 gallon (4/case)
	SP7555	UV curable.	Process dependent	1 liter (6/case)

▶ **Go-To Product**

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