

Product Information, 3M™ Membrane Switch Adhesives

	Product Number	Adhesive Type	Description	Construction				
				Liner (Weight/Mils)	Adhesive Mils (mm)	Polyester Mils (mm)	Adhesive Mils (mm)	Liner (Weight/Mils)
Adhesives for Selective Die-Cutting (Double-Lined)	7952MP	200MP High Performance Acrylic	Double-lined 467MP.	58# PCK 4.0	2.0 (0.05)	—	—	58# PCK/4.0
	7962MP	200MP High Performance Acrylic	Double-lined 467MP with heavy layflat liner for added stiffness, controlled kiss-cutting and ease of handling.	58# PCK 4.0	2.0 (0.05)	—	—	90# PCK/6.7
	7953MP	200MP High Performance Acrylic	Double-coated polyester for adhesive stability and ease of handling.	58# PCK 4.0	1.5 (0.04)	0.5 (0.01)	1.5 (0.04)	58# PCK/4.0
	7955MP	200MP High Performance Acrylic	Double-lined 468MP.	58# PCK 4.0	5.0 (0.13)	—	—	58# PCK/4.0
	7965MP	200MP High Performance Acrylic	Double-lined 468MP with heavy layflat liner for added stiffness, controlled kiss-cutting and ease of handling	58# PCK 4.0	5.0 (0.13)	—	—	90# PCK/4.0
	7951MP	300MP High Strength Acrylic	Double-lined 300MP. High-bond to low surface energy plastics.	58# PCK 4.0	2.0 (0.05)	—	—	58# PCK/4.0
	Spacers for Circuit Separation (Double-Coated)	7945MP	200MP High Performance Acrylic	Designed to meet the performance requirements of most membrane keyboards and other flex circuit laminations. Outstanding resistance to temperature extremes, chemicals and humidity. Also oozing, lifting and separation of switch layers. All products feature 2 mils of #200MP on each side.	58# PCK 4.0	2.0 (0.05)	1.0 (0.025)	2.0 (0.05)
7956MP		2.0 (0.05)				2.0 (0.05)	2.0 (0.05)	
7957MP		2.0 (0.05)				3.0 (0.08)	2.0 (0.05)	
7959MP		2.0 (0.05)				5.0 (0.13)	2.0 (0.05)	
7961MP		2.0 (0.05)				7.0 (0.2)	2.0 (0.05)	
9045MP		200MP High Performance Acrylic	The 90XX series of products has a layflat liner on each side which improves die-cutting and handling of intricate die-cut parts.	90# PCK 6.7	2.0 (0.05)	1.0 (0.025)	2.0 (0.05)	90# PCK/6.7
9056MP					2.0 (0.05)	2.0 (0.05)	2.0 (0.05)	
9057MP					2.0 (0.05)	3.0 (0.08)	2.0 (0.05)	
9059MP					2.0 (0.05)	5.0 (0.13)	2.0 (0.05)	
9061MP					2.0 (0.05)	7.0 (0.2)	2.0 (0.05)	
7979		100 VHB	Premium performance, particularly in temperature resistance and shear strength.	58# PCK 4.0	2.0 (0.05)	5.0 (0.13)	2.0 (0.05)	58# PCK/4.0
Spacers for Switch Assembly (Single-Coated)	7993MP	200MP High Performance Acrylic	Single side spacers aid in the construction of membranes with circuitry, i.e. to protect leads, hold domes in place, or build custom spacers.	90# PCK 7.7	2.0 (0.05)	1.0 (0.025)	—	—
	7995MP				2.0 (0.05)	3.0 (0.08)	—	—
	7997MP				2.0 (0.05)	5.0 (0.13)	—	—

NOTE: The technical information and data provided here should be considered representative or typical only and should not be used for specification purposes. User should evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of application.