

3M™ Reclosable Fasteners and other technologies



266

When your products require repeated openings and closings, 3M™ Reclosable Fasteners give you choices for closure strength and frequency. Pressure sensitive adhesive on the backside bonds on contact to a variety of surfaces to save production time. Depending on the specific fastener, the mating front side opens and closes hundreds or thousands of times.

Reclosable fasteners are just one example of how 3M combines adhesives with various backings for innovative solutions in such applications as masking, protecting, enhancing, quieting, color-coding, labeling, conducting, reflecting, and more.

The product variety includes all of the following:

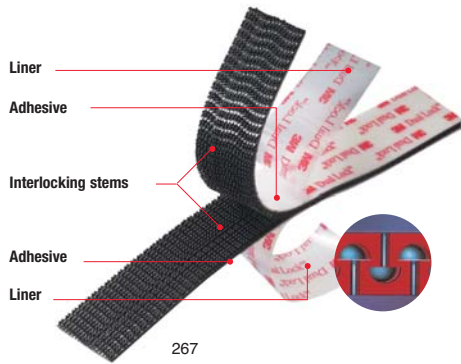
- 3M™ Dual Lock™ Reclosable Fasteners
- 3M™ Scotchmate™ Reclosable Fasteners
- 3M™ Single Coated Foam Tapes
- 3M Converter Markets Center
- Overview of other 3M Technologies

3M™ Dual Lock™ Reclosable Fasteners

A reclosable system to replace unsightly mechanical fasteners

3M™ Dual Lock™ Reclosable Fasteners invisibly attach access doors and panels, signs, display components, and many other frequently removed parts. When the mushroom-shaped stems interlock, closure strength is high enough to replace mechanical fasteners in many applications.* Yet, you can readily open and close hundreds of times.

Select non adhesive-backed or adhesive-backed versions. Adhesive-backed versions bond to bare or painted metal, sealed wood, glass, many plastics including plasticized vinyl, and more.



With one side of a 3M™ Dual Lock™ Low Profile Reclosable Fastener on a vinyl graphic, the stems mesh with the fabric panel of the booth for secure attachment.



For attaching carrying case cushioning, the versatile acrylic adhesive backing of 3M™ Dual Lock™ Low Profile Reclosable Fasteners holds permanently to the foam insert and the plastic case.



For convenient access to wiring in moveable office partitions, 3M™ Dual Lock™ Reclosable Fasteners attach metal cover plates over wiring channels for quick snap access.



To mute the sound of automated equipment, 3M™ Dual Lock™ Reclosable Fasteners attach acoustic control panels to the frame of an equipment enclosure. Panels remove for access or reconfiguration of the enclosure.



With 3M™ Dual Lock™ Reclosable Fasteners, the wall panels, cushions, and other components inside an emergency vehicle are easily removed without tools for cleaning and disinfecting.



Die-cut into precise circles, 3M™ Dual Lock™ Reclosable Fasteners attach removable speaker panels.

*** Closure strength choices** – Types 170, 250, 400 are available types. Type refers to approximate stems per square inch on one side of the fastener. Type 400, for example, is 400 stems/square inch. You can mix different types as indicated below. Closure strength increases with the total number of stems that interlock or with increased area engaged.

Closure Strength:
 250 to 400 > 250 to 250 ≥
 170 to 400 > 170 to 250

3M™ Dual Lock™ Reclosable Fasteners

	Product Number	Product Type ¹	Color	Backcoating ² Adhesive	Liner	Engaged Thickness ³ Inches (mm)	Temperature Performance ⁴ Wt. in grams (Temp: °F/°C)	Comments
Lead Acrylic PSA	SJ3552	170	Black	White acrylic	D	0.23 (5.7)	1,000g 200°F (93°C)	Conformable, tacky adhesive adheres better to slightly textured or irregular surfaces. SJ3552V is packaged for clean room use. One roll (1" x 4.9 yd.) each of SJ3551 and SJ3552 can be ordered as MP3551/3552. Product with high strength Scotchmate splice is SJ3550SM. SJ3550V is packaged for clean room use. One roll (1" x 4.9 yd.) each of SJ3551 and SJ3552 can be ordered as MP3551/3552.
	SJ3550	250						
	SJ3551	400						
	SJ3562	170	Clear	Clear acrylic	D	0.23 (5.7)	1,000g 200°F (93°C)	Translucent fastener with aggressive, tacky adhesive for general bonding to most medium and high energy surfaces. Two rolls (1" x 4.9 yd.) of SJ3560 can be ordered as MP3560. Product with continuous liner and product splice is SJ3560FS.
	SJ3560	250						
	SJ3561	400						
3M™ Acrylic Pressure Sensitive Adhesive (PSA)	SJ3773 SJ3782	170 250	Black	Clear acrylic	B	0.16 (4.1)	500g 120°F (70°C)	Thin clear acrylic adhesive that bonds well to low surface energy substrates.
	SJ3787 SJ3785	250 400	Black	Gray acrylic	C	0.18 (4.6)	1,000g 158°F (70°C)	Bonds well to most substrates, except low surface substrates. Certified to the requirements of Daimler Chrysler PF-8858, Ford WSB MI 5P35 Type III. Certified to Ford WSB M15P35 Type III
	SJ3534 SJ3535	250 400	Black	Clear acrylic	D	0.18 (4.6)	1,000g 200°F (93°C)	Aggressive, tacky adhesive for general bonding to most medium and high energy surfaces, providing for an "all black" look.
	SJ3552CF	170	Black	Clear acrylic	D	0.23 (5.7)	1,000g 200°F (93°C)	Aggressive, tacky adhesive for general bonding to most medium and high energy surfaces, providing an "all black" look. Similar to SJ3534 but engaged thickness is 0.05" (1.1 mm) thicker. Similar to SJ3535 but engaged thickness is 0.05" (1.1 mm) thicker.
	SJ3550CF	250						
	SJ3551CF	400						
	SJ3752	170	Black	White acrylic	C	0.23 (5.7)	1,000g 200°F (93°C)	Conformable, tacky adhesive for general bonding. Adheres better to slightly textured or irregular surfaces. Certified to GM3618M, Daimler Chrysler PF-8858, Ford WSB M15P35 Type III. Certified to GM3618M, Daimler Chrysler PF-8543, PF-8858, Ford WSB M15P35 Type III. Product with continuous liner and product splice is SJ3781FS. Certified to GM3618M, Daimler Chrysler PF-8543, PF-8858, Ford WSB M15P35 Type III.
	SJ3781	250						
	SJ3751	400						
	SJ3554	170	Black	Gray acrylic	D	0.24 (6.1)	1,000g 200°F (93°C)	The adhesive looks black when attached to and viewed through transparent or translucent substrates. Offers improved adhesion to high energy surfaces.
	SJ3553	400						
	SJ3244	170	Black	Gray acrylic	E	0.24 (6.1)	1,000g 120°F (49°C)	Good adhesion to low surface energy substrates.
	SJ3245	250						
	SJ3246	400						
	SJ3777	400	Black	White acrylic	C	0.24 (6.1)	1,000g 158°F (70°C)	Conformable, tacky adhesive for general bonding. Adheres better to slightly textured or irregular surfaces.
	SJ3788	400	Black	Gray acrylic	C	0.27 (6.9)	1,000g 158°F (70°C)	Conformable, tacky adhesive for general bonding. Adheres better to slightly textured or irregular surfaces.
	SJ3756	170	Black	White acrylic	C	0.31 (7.9)	1,000g 158°F (70°C)	Firm, thick adhesive for best adhesion to smooth high surface energy substrates. Good for large gaps between joined substrates. Certified to GM3618M, Ford WSB M15P35 Type III. Standard roll length is 45 yards.
	SJ3789	250						
	SJ3757	400						
	SJ3758	250	Black	White acrylic	C	0.40 (10.2)	750g 140°F (60°C)	Conformable, thick adhesive for filling large gaps between joints. Standard roll length is 36 yards.

	Product number	Product Type ¹	Color	Backcoating ² Adhesive	Liner	Engaged Thickness ³ Inches (mm)	Temperature Performance ⁴ Wt. in grams (Temp: °F/°C)	Comments
Lead Synthetic Rubber PSA	SJ3542	170	Black	Synthetic rubber	A	0.23 (5.7)	500g 120°F (49°C)	For indoor use or attachment to low surface energy substrates. One roll (1" x 4.9 yd.) each of SJ3541 and SJ3542 can be ordered as MP3541/3542. SJ3542V is packaged for clean room use. SJ3540V is packaged for clean room use. One roll (1" x 4.9 yd.) each of SJ3541 and SJ3542 can be ordered as MP3541/3542. SJ3541V is packaged for clean room use.
	SJ3540	250						
	SJ3541	400						
Nonwoven	SJ3754	170	Black	White non woven	None	0.35 (8.9)	1,000g 200°F (93°C)	Certified to Ford WSB M15P35 Type V.
	SJ3223	250						
	SJ3753	400						
	SJ3543	250	Clear	Product appears white.				
No adhesive coating	SJ3742	170	Black	None	None	0.15 (3.9)	1,000g 200°F (93°C)	For attachment to fabrics via sewing, or to wood and similar substrates using staples. Certified to FMVSS 302, Ford WSB M15P35 Type IV.
	SJ3780	250						
	SJ3741	400						
	SJ3462	170	Clear	None	None	0.15 (3.9)	1,000g 200°F (93°C)	For attachment to fabrics via sewing, or to wood and similar substrates using staples. Excellent UV resistance in a translucent product, allowing substrate color to be easily seen through the fastener.
	SJ3460	250						
	SJ3461	400						
	SJ3799	170	Black	Polypropylene	None	0.23 (5.7)	1,000g 200°F (93°C)	For ultrasonic bonding to polypropylene. Certified to FMVSS 302, Ford WSB M15P35 Type IV.
	SJ3768	250						
	SJ3766	400						
	SJ3481	400	Black	Polypropylene	None	0.35 (8.9)	1,000g 200°F (93°C)	Rigid backing for mechanical attachment (screws, rivets, etc.). Only available in 4-foot strips. Certified to FMVSS 302.
3M™ Dual Lock™ Low Profile Reclosable Fasteners								
3M™ Acrylic PSA	SJ4570	705	Clear	Clear acrylic	F	0.10 (2.5)	500g 158°F (70°C)	Thin adhesive bonds well to low surface energy substrates. One roll (5/8" x 10') of SJ4570 can be ordered as MP4570.
	SJ4575	705	Black	Clear acrylic	F	0.10 (2.5)	500g 158°F (70°C)	Black, bonds well to LSE substrates.
	SJ4580	705	Clear	Clear acrylic	C	0.12 (3.0)	1,000g 200°F (93°C)	Aggressive, tacky adhesive for general bonding to most medium and high energy surfaces. Excellent for outdoor and high humidity conditions. Certified to Ford WSB M15P35 Type III.

Liners:

- A - White 5.0 mil (0.13 mm) thick polyolefin with silicone release coating
- B - Brown 83# polykraft liner printed with "3M™" in green. Good for diecutting directly against liner.
- C - Red 4.5 mil (0.11 mm) thick polyolefin with no silicone release coating
- D - Clear 4.0 mil (0.10 mm) thick polyolefin with silicone release coating
- E - White 5.0 mil (0.13 mm) thick polyethylene with silicone release coating
- F - Brown 83# polykraft liner printed with "3M™ Dual Lock™" in green. Good for diecutting directly against liner.

Footnotes:


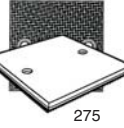


- 1) Type 400 is not recommended to be engaged to other type 400 fasteners. As well, type 170 should not be engaged with type 170.
- 2) Acrylic PSAs are best suited for outdoor or high humidity applications for medium to high energy surfaces.
- 3) Engaged thickness is for products with the same backcoating. You can mix products with different backcoatings to obtain an even greater variety of engaged thicknesses. Any of these 3M™ Dual Lock™ Reclosable Fasteners can be engaged with 3M™ Scotchmate™ Reclosable Fasteners providing a quick grab closure with high strength and limited cycle life.
- 4) Able to support indicated weight in a one square inch system static overlap shear for 10,000 minutes, at indicated temperature.

Notes:

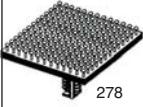


Suggest 4 square inches of fastener per pound of load as a starting point for evaluation of long term performance. Suggest type 250 engaged to type 250 as a starting point for evaluations. Tensile strength increases in the following order: 170/250 < 250/250 < 170/400 < 250/400. Maximum widths are 6". All products available on 50 yard rolls except 3M™ Dual Lock™ Reclosable Fasteners SJ3756, SJ3789 and SJ3757 which are 45 yards and SJ3481 which comes in four foot strips.

This information should be considered representative only, for help in narrowing the list of possible fasteners for further and more detailed evaluation, and should not be used for specification purposes. User is responsible for determining whether the 3M product is fit for the desired end use. Refer to specific product technical data sheets for more detailed product performance information.

3M™ Dual Lock™ – Piece Parts

Product number	Product Type ¹	Dimensions ² (length x width) or diameter for circular parts inch (mm)	Functional Size/Area square inches (square cm)	Engaged Thickness ³ inches (mm)	Counter-bored hole diameter inches (mm)	Through hole diameter	Spacing (on centers) between holes inch (mm)	Comments Temperature Range from -20°F to 250°F (-29°C to 121°C)			
Circle with a counterbored center hole											
 274	SJ3251	250	1 1/8" (28.5)	0.88 (5.68)	0.323 (8.20)	0.38 (9.5)	0.19 (4.9)	-	Attach using screws, rivets, etc. Circular profile reduces chance for edge lift.		
	SJ3755	250		0.91 (5.87)	0.323 (8.20)	0.31 (7.9)	0.16 (4.1)	-			
	SJ3762	400		0.91 (5.87)	0.288 (7.31)	0.31 (7.9)	0.16 (4.1)	-			
	SJ3263	250	13/16" (20.6)	0.44 (2.84)	0.288 (7.31)	0.31 (7.9)	0.16 (4.1)	-			
	SJ3763	400	-	-	-	-	-	-			
	SJ3235	400	13/16" (20.6)	0.42 (2.71)	0.288 (7.31)	0.35 (9.0)	0.16 (4.1)	-			
	SJ3465	400	9/16" (14.3)	0.17 (1.10)	0.288 (7.31)	0.31 (7.9)	0.16 (4.1)	-			
Circle with no hole											
	SJ3238	250	1 1/8" (28.6)	.99 (6.39)	0.323 (8.20)	-	-	-			
Rectangle with two counterbored holes											
 275	SJ3252	400	1.5" x 1.5" (38.1 x 38.1)	2.08 (13.4)	0.288 (7.31)	0.33 (8.3)	0.16 (4.2)	1" (25.4)			
	SJ3261			2.11 (13.6)	0.288 (7.31)	0.29 (7.5)	0.14 (3.6)	1" (25.4)	15 mils (0.4 mm) thicker than SJ3767.		
	SJ3767			0.273 (6.93)	0.29 (7.5)	0.14 (3.6)	1" (25.4)	15 mils (0.4 mm) thinner than SJ3261.			
Rectangle with no holes											
 276	SJ3204	250	1" x 1" (25.4 x 25.4)	1.0 (6.45)	0.288 (7.31)	-	-	-			
	SJ3481	400	4 ft x 1" or 2" (1.22 m x 25.4 or 50.8)	Dependent on final length	0.288 (7.31)	-	-	-	Excellent for custom cutting rectangular pieces. See SJ3766, SJ3768 or SJ3799 for ultrasonic attachment version.		
Rectangular slide-in (2 edges cut down forming a flange) for mounting into a bracket											
 277	SJ3736	170	1" x 1.22" (25.4 x 30.7)	1.0 (6.45)	0.288 (7.31)	-	0.079 (2.0)	0.049 (1.25)	Allows quick and easy installation or replacement.		
	SJ3717	400					0.079 (2.0)	0.049 (1.25)			
	SJ3227	250	5/8" x 1" (16 x 25.4)	0.48 (3.10)			-	0.098 (2.5)		0.079 (2.0)	
	SJ3700	170	25/32" X 25/32" (20 x 20)	0.43 (2.77)			-	0.098 (2.5)		0.079 (2.0)	
	SJ3228	400	25/32" x 25/32" (20 x 20)	0.43 (2.77)			-	0.098 (2.5)		0.079 (2.0)	
	SJ3229	250	1" x 1" (25.4 x 25.4)	0.76 (4.90)			-	0.098 (2.5)		0.079 (2.0)	
	SJ3750	400	32 mm x 50 mm	1.95 (12.58)			0.303 (7.70)	-		0.079 (2.0)	0.049 (1.25)
	SJ3248	250	1" x 1.1" (25.4 x 28)	0.79 (5.10)			0.298 (7.57)	-		0.137 (3.5)	0.52 (1.32)
	SJ3249	400	1" x 1.1" (25.4 x 28)	0.79 (2.77)			0.298 (7.57)	-		0.137 (3.5)	0.52 (1.32)

3M™ Dual Lock™ – Piece Parts with Functional Bases

	Product number	Product Type ¹	Dimensions ² (length x width) or diameter for circular parts	Functional Size/Area square inches (square cm)	Engaged Thickness ³ inches (mm)	Comments
Pine tree shaped push-in stem for insertion into wood and similar substrates over a range of thicknesses.						
 278	SJ3209	250	26 x 26 mm	1.04 (6.7)	0.293 (7.44)	12 mm (0.49") long base stem, designed to fit a 7.9 to 8.4 mm diameter hole.
	SJ3749	400				
	SJ3222	250	26 x 26 mm	1.04 (6.7)	0.293 (7.44)	12 mm long base stem, designed to fit a 7 to 7.5 mm diameter hole.
	SJ3224	400				
	SJ3848	250	26 x 26 mm	1.04 (6.7)	0.293 (7.44)	16.5 mm long base stem, designed to fit a 7.9 to 8.4 mm diameter hole.
	SJ3748	400				
	SJ3266	170	26 x 26 mm	1.04 (6.7)	0.293 (7.44)	12.74 mm long base stem, designed to fit an 8.20 to 8.50 mm diameter hole.
	SJ3267	250				
	SJ3268	400				
	SJ3272	170				
SJ3273	250					
SJ3274	400					
						White version of SJ3266.
						White version of SJ3267.
						White version of SJ3268.
Single round cone shaped base for sliding into a key hole slot						
 279	SJ3743	170	20 mm x 20 mm	0.62 (4.0)	0.293 (7.44)	Fits key hole slot 3.1-3.25 mm thick panel that is 18 mm in diameter. The shaft (stem of the cone) is 3.25 mm tall and 4 mm wide.
	SJ3705	250				
	SJ3221	250	20 mm x 20 mm	0.62 (4.0)	0.272 (6.91)	Fits key hole slot in a 2.65 mm thick panel that is 18 mm in diameter. The shaft (stem of the cone) is 2.65 mm tall and 4 mm wide.
	SJ3731	400				
	SJ3277	170	26 mm x 26 mm	1.04 (6.7)	0.293 (7.44)	Fits key hole slot in a 3 mm thick panel that is 14 mm in diameter. The shaft (stem of the cone) is 3 mm tall and 4 mm wide.
	SJ3278	250				
	SJ3279	400				
Snap-in base for 6.5 x 10 mm rectangular hole						
 280	SJ3704	250	26 x 26 mm	1.04 (6.7)	0.293 (7.44)	Fits a 1.30 to 1.59 mm thick panel.
	SJ3713	400				
	SJ3825	170	26 x 26 mm	1.04 (6.7)	0.283 (7.19)	Fits a 0.71 to 0.91 mm thick panel.
	SJ3826	250				
	SJ3827	400				
Snap-in base for slotted hole in 0.70 to 1.20 mm thick panel						
	SJ3804	170	26 x 26 mm	1.04 (6.7)	0.293 (7.44)	Fits a 0.70 to 1.00 mm thick sheet metal 5.35 ± .05 mm x 21.25 ± .00/- .15 mm slot. Fits a 1.00 to 1.20 mm thick sheet metal 6.00 ± .05 mm x 21.25 ± .00/- .15 mm slot.
	SJ3805	250				
	SJ3806	400				

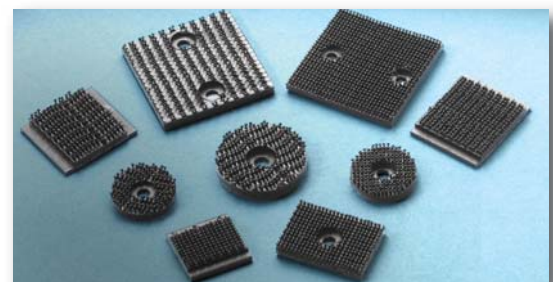
Notes:

- * Suggest 4 square inches of fastener per pound of load as a starting point for evaluation of long term performance. Suggest type 250 engaged to type 250 as a starting point for evaluations. Tensile strength increases approximately in the following order: 170/250 < 250/250 ≤ 170/400 < 250/400.
- * The information provided is considered representative only for use in narrowing the possibilities of 3M™ Dual Lock™ piece parts to be considered for further evaluation, and should not be used for specification purposes.
- * User is responsible for determining whether the 3M product is fit for the desired end use. Refer to specific product technical datasheets for more detailed product performance information.
- * All 3M™ Dual Lock™ Piece parts are comprised completely of black polypropylene

Footnotes:

- 1) Type 400 is not recommended to be engaged to other type 400 fasteners. As well, type 170 should not be engaged with type 170. Engagement strength is dependent upon the area engaged and number of stems engaged.
- 2) The actual 3M™ Dual Lock™ area available for (dis)engagement may be less than the part dimension. This should be taken into consideration when designing how much 3M™ Dual Lock™ will be required for a specific application.

- 3) Engaged thickness is for the shown product engaged to 3M™ Dual Lock™ Reclosable Fasteners SJ3781 (a type 250 Dual Lock™ with an acrylic adhesive backcoating). You can mix products with different backcoatings (standard pressure sensitive adhesives or via our 3M™ Dual Lock Mix and Match Program) to obtain a greater variety of engaged thicknesses. Any of these 3M™ Dual Lock™ Reclosable Fasteners can be engaged with 3M™ Scotchmate™ Reclosable Fasteners, providing a quick grab closure with high strength and limited life.

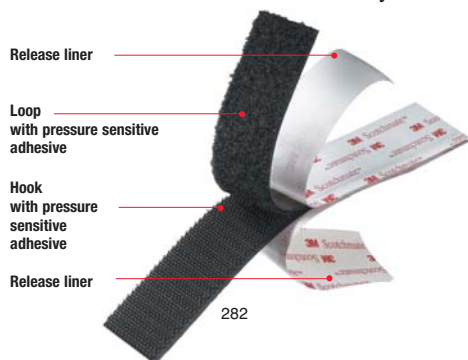


3M™ Scotchmate™ Reclosable Fasteners

Industrial-strength fasteners for easy opening and closing

When your products require thousands of easy openings and secure closings, 3M™ Scotchmate™ Hook and Loop Reclosable Fasteners give you choices that improve your product and save production time. When closing, tiny stiff hooks of one side of the fasteners mesh with pliable loops on the other. For opening, simply peel one side away.

Choose adhesive-backed or plain-back fasteners. The pressure sensitive adhesives bond on contact to a variety of substrates. Adhesive formulations are designed with a wide range of performance characteristics including; flame resistance, high shear strength, low and high temperature resistance, and plasticizer resistance for use with most vinyls.



Remove and replace bicycle helmet straps and cushions easily. 3M™ Scotchmate™ Reclosable Fasteners allow simple positioning to fit the head, yet hold securely despite heat, moisture, and dirt. 283



Aircraft seat assembly is quick and easy with 3M™ Scotchmate™ Reclosable Fasteners. Some products meet FAA flammability standards. 284



3M™ Scotchmate™ Reclosable Fasteners with pressure sensitive adhesive attach easily to plastic curtains on refrigerated displays. It resists low temperatures and moisture. Plasticizer-resistance assures long-term performance. 285



Readjustable braces with 3M™ Scotchmate™ Reclosable fasteners fit securely and comfortably. The fasteners can be opened and closed thousands of times. 286



3M™ Scotchmate™ Reclosable Fasteners are available in rolls and can be easily fabricated to a wide variety of custom shapes to fit your product design and manufacturing needs. 287



When the hook side of 3M™ Scotchmate™ Reclosable Fastener SJ3000 meshes with its own loop side, you have a convenient and secure replacement for many bundling methods. 288



Die-cut 3M™ Scotchmate™ Reclosable Fasteners secure metal edge molding around an internally-illuminated sign. The molding holds the sign face in place and is readily removed for bulb replacement. 289

3M™ Scotchmate™ Relosable Fasteners

	Product Number	Product Type	Material	Closure Life	Adhesive Type	Liner	Engaged Thickness ¹ Inches (mm)	Temperature Performance ² Wt. in grams Temp: °F (°C)	Comments
Acrylic Adhesive	SJ3572 SJ3571	Hook Loop	Nylon	5,000+	High temperature	D, F	0.15 (3.8)	1,000g 200°F (93°C)	Certified to GM3618M and GM2743M Type II. Loop available with strong splice providing continuous product and liner when removed from roll. Order special splice as SJ3571FS or SJ3571FSR for splice marked with blue tape. Paper liner product ordered as SJ3571P or SJ3572P.
	SJ3546 SJ3547	Hook Loop		5,000+	Medium temperature	G	0.15 (3.8)	500g 180°F (82°C)	
	SJ3576 SJ3577	Hook Loop	Polyester	1,000+	High temperature	D	0.15 (3.8)	1,000g 200°F (93°C)	Excellent for outdoor or humid conditions. Certified to GM 3618M.
	SJ3522 SJ3523	Hook Loop	Nylon	5,000+	Plasticizer resistant	B	0.15 (3.8)	500g 158°F (70°C)	Bonds well to many flexible plasticized vinyls, prevents adhesive oozing with aging.
Flame-resistant Adhesive	SJ3518FR SJ3519FR	Loop Hook	Flame resistant nylon	5,000+	Synthetic rubber	A	0.15 (3.8)	500g 100°F (38°C)	Flame resistant (meets FAR 25.853). Meets Boeing BMS 8-285G, Type III, Class 1.
	SJ3586FR SJ3587FR	Hook Loop	Flame resistant polyester	1,000+	Synthetic rubber	A	0.17 (4.3)	500g 100°F (38°C)	Good for outdoor or high humidity conditions. Flame resistant (meets FAR 25.853). Meets Boeing BMS 8-285G, Type IV, Class 1.
Synthetic Rubber Adhesive	SJ3532N SJ3533N	Hook Loop	Nylon	5,000+	Synthetic rubber	C	0.15 (3.8)	500g 120°F (49°C)	Good adhesive performance at economic value.
	SJ3526N SJ3527N	Hook Loop	Nylon	5,000+	Synthetic rubber	A, F	0.15 (3.8)	500g 100°F (38°C)	One roll (1" x 4.9 yd.) each of SJ3526N and SJ3527N, order MP3526N/27N. Paper liner product ordered as SJ3526NP or SJ3527NP.
	SJ3530	Hook	Nylon	5,000+	Synthetic rubber	C, F	0.15 (3.8)	500g 90°F (32°C)	SJ3530FS has a strong splice providing continuous product and liner when removed from the roll. Paper liner product ordered as SJ3530P.
	SJ3531	Loop				C			
Plainback (No adhesive)	SJ3401 SJ3402	Loop Hook	Nylon	5,000+	None	None	0.13 (3.3)	1,000g 220°F (104°C)	Certified to GM2743M Type II. One roll (1" x 4.9 yd.) each of SJ3401 and SJ3402. Order MP3401/02. Sew-on.
	SJ3418FR SJ3419FR	Loop Hook	Flame resistant nylon	5,000+	None	None	0.13 (3.3)	1,000g 220°F (104°C)	Flame resistant (meets FAR 25.853). Certified to Boeing BMS 8-285G, Type II, Class 2, Sew-on.
	SJ3476 SJ3477	Hook Loop	Polyester	1,000+	None	None	0.13 (3.3)	1,000g 220°F (104°C)	Excellent for outdoor or high humidity conditions. Sew-on.
	SJ3486FR SJ3487FR	Hook Loop	Flame resistant polyester	1,000+	None	None	0.13 (3.3)	1,000g 220°F (104°C)	Flame resistant (meets FAR 25.853). Meets Boeing BMS 8-285G, Type IV, Class 2. Good for outdoor or high humidity conditions. Sew-on.
3M™ Scotchmate™ Thin Reclosable Fasteners									
Acrylic PSA	SJ3506 SJ3507	Hook Loop	Polypropylene Polyester	<25	Acrylic	E	0.04 (1.0)	500g 120°F (49°C)	Available in white. Thin profile with high shear strength.
	SJ3000	Back to Back Hook and Loop	Polypropylene Polyester	<25	None	None	0.06 (1.5)	500g 120°F (49°C)	Available in red and black. Good for bundling and cable ties.

Standard colors: Nylon - black, white and beige; Polyester - black and olive. Maximum widths are 4", except for 3M™ Scotchmate™ Reclosable Fasteners SJ3506 and SJ3507 which are available in 6" widths. All products come in 50 yard rolls.

Liners:

- A - White 3 mil polyethylene film printed with "3M™ Scotchmate™" in red.
- B - Clear 3.5 mil polyolefin film with no printing.
- C - Yellow 3.0 mil polyethylene film with no printing.
- D - Clear 4.0 mil polypropylene film with white embossed 3M logo.
- E - Brown 83# PCK liner printed with "3M™" in green. Good for diecutting directly against liner.
- F - Brown 83# PCK liner with no printing. Good for die-cutting directly against liner.
- G - Silicone-treated polyolefin with 3M logo embossed.

Footnotes: 1) Engaged thickness is for hook and loop with the same backcoating engaged to each other. Any of these 3M™ Scotchmate™ Reclosable Fasteners also be engaged with 3M™ Dual Lock™ Reclosable Fasteners providing a quick grab closure with high strength and limited cycle life. 2) Able to support indicated weight in a one square inch system static overlap shear to aluminum for 10,000 minutes (approximately 1 week), at indicated temperature.

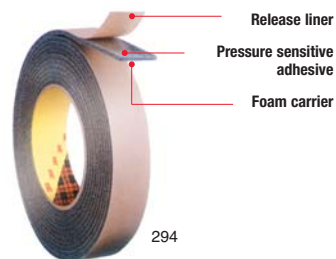
Note: This information should be considered representative only, for help in narrowing the list of possible fasteners for further and more detailed evaluation, and should not be used for specification purposes. User is responsible for determining whether the 3M product is fit for the desired end use. Refer to specific product technical data sheets for more detailed product performance information.

3M™ Single Coated Foam Tapes

Roll-on protection against moisture, dust, noise, vibration, and impact

3M™ Single Coated Foam Tapes are strips of foam in a roll with high strength acrylic adhesive on one side of the foam. Cut to length, they seal, damp, insulate or cushion. For die-cut shapes, 3M™ Single Coated Foam Tape Series 4100, 4300, and 4700 is protected by a liner. With 3M™ Single Coated Foam Tape Series 4500, the liner is on the non-adhesive side to minimize foam stretching while placing the gasket.

Urethane foams seal, cushion, damp sound, and absorb vibration. Weather-resistant vinyl foams seal out light and dust when under compression and remain flexible even when exposed to variable temperatures and UV.



294



290

In a computer printer, 3M™ Urethane Foam Tape 4318 is a very soft, low density cushion that helps absorb impact and vibration.



291

When compressed 50%, the open cell construction of 3M™ Urethane Foam Tape 4314 provides an air barrier and cushion in electronic equipment.



292

To help prevent light leakage around a sign perimeter, 3M™ Vinyl Foam Tape 4726 attaches securely on contact.



293

In outdoor mailboxes, strips of 3M™ Vinyl Foam Tape 4504 helps seal the inside from rain and dirt. Vinyl provides excellent aging characteristics and remains flexible.

3M™ Single Coated Foam Tapes

Product Number/Color	Description	Adhesive	Approximate Thickness	Density lb/cu ft (kg/cu m)	Tensile Strength (psi (kPa))	Compression Deflection 25% psi (kPa)	Compression Set % Loss	Temperature Tolerance	
								Short-Term	Long-Term
Urethane	4104* Natural White	350 Acrylic	0.250" (6mm)	12 (192)	115 (795)	4 (27.6)	8	350°F (176°C)	200°F (93°C)
	4108 Natural White		0.125" (3mm)	16 (256)	130 (895)	6 (82.8)			
	4116 Natural White		0.062" (1.5mm)	18 (288)	115 (795)	12 (82.8)			
	4314 Charcoal Gray	430 Acrylic	0.250" (6mm)	2 (32)	25 (170)	0.3 (2.1)	5	250°F (121°C)	150°F (66°C)
	4317* Charcoal Gray		0.375" (9.5mm)	2 (32)	25 (170)	0.3 (2.1)			
	4318 Charcoal Gray		0.125" (3mm)	2 (32)	25 (170)	0.3 (2.1)			
Vinyl	4504* Black	430 Acrylic	0.250" (6mm)	20 (320)	90 (620)	4 (27.6)	15	250°F (121°C)	150°F (66°C)
	4508* Black		0.125" (3mm)	20 (320)	100 (690)	4 (27.6)			
	4516* Black		0.062" (1.5mm)	25 (400)	130 (895)	4 (27.6)			
	4714* Black		0.250" (6mm)	14 (225)	75 (515)	2 (13.8)			
	4718* Black		0.125" (3mm)	20 (320)	100 (690)	4 (27.6)			
	4726* Black		0.062" (1.5mm)	20 (320)	130 (895)	3 (20.7)			

* Meets requirements of UL 94HBF.

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.

3M Converter Markets Center

Converting 3M technology into successful applications

3M Converters match 3M technologies to customer requirements with the exact form, fit, and functionality for application success in identifying, bonding, protecting, and electrical shielding or conducting.

Converter expertise includes part design, quick prototyping, laminating adhesives to various surfaces, printing labels and durable graphics, slitting, and die-cutting.

3M technologies include the following:

- 3M™ Performance Label Materials
- 3M™ Thin Attachment Tapes
- 3M™ Adhesive Transfer and Double Coated Bonding Tapes such as 3M™ VHB™ Tapes
- 3M™ Single Coated Tapes such as crepe masking tape
- 3M™ Reclosable Fasteners
- 3M™ Bumpon™ Protective Products
- And more



3M™ Performance Label Materials with Structured Adhesive – With unique microchannels throughout the structured adhesive, air flows freely from between the label adhesive and substrate. Hand-applied large labels go on smoothly and stay that way permanently without unsightly wrinkles and bubbles. 295



For permanent attachment of die-cut durable graphics, 3M™ LSE Low Surface Energy Acrylic Adhesive 300 bonds on contact and stays tight on low surface energy plastics, powder coated paints, and lightly oiled metals. 296



Dimensionally-stable 3M™ Double Coated Tapes are pre-applied to foam gasketing material and die-cut to precise shape and size for fast, easy application. 297



3M converters can slit 3M™ Masking Tapes to specified widths and roll lengths, as well as die-cut to unique shapes for specialized applications. 298



For hundreds to thousands of openings and closings, 3M converters customize 3M™ Reclosable Fasteners to meet exact customer requirements for form, fit, mating strength, and liner. 299



When you need a little touch of quiet and skid resistance for a PDA or other small product, custom 3M™ Bumpon™ Protective Products are scaled for the design. Adhesive is formulated to hold even a small bonding surface. 300



From the 150,000 possible combinations of 3M adhesives, facestocks, overlaminates, and liners, you have many choices for durable labels requiring UL and/or RoHS compliance. 301

An overview of other 3M Adhesive Technologies



302
3M™ Bumpon™ Protective Products are convenient peel-and-apply resilient bumpers that quiet and cushion impact.



304
To help insure a scratch-free product, a short-term 3M™ Protective Tape is applied after final finishing to a sink, spa, or countertop prior to packaging. The co-extruded backing protects during shipping and installation, and the special acrylic adhesive releases for clean and easy removal by the end user.



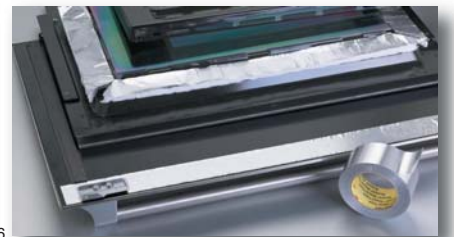
303
3M™ UHMW-PE Tape 5425 provides a “slip plane” effect between incompatible surfaces to help reduce squeaks and rattles.



305
For box packing, sealing, and storage below 40°F, Scotch® Box Sealing Tape 3723 seals with a rubber adhesive modified for reliability in the cold.



306
With the wide variety of 3M™ Crepe Masking Tapes, industrial customers have a selection of holding power, line sharpness, and removal characteristics that are matched to the job, ranging from critical part paint masking to bundling.



307
3M™ Aluminum Foil Tape bonds on contact as heat shielding inside an oven door. Helps keep the exterior cool to the touch behind the handle and around the window perimeter.



308
For aisle marking and hazard identification, 3M™ Vinyl Tape 471 simply rolls onto a surface, adheres on contact, outlasts paint, and peels off when ready to remark the area.



309
Self-fixturing 3M™ Damping Foil Tape combines a unique viscoelastic polymer with an aluminum constraining layer to damp vibration and help quiet metal and plastic.



310
Strong grip and rugged cloth backing of 3M™ Performance Plus Duct Tape 8979 perform reliably indoors and out for holding, wrapping, sealing, moisture proofing, hanging poly, and more. Removes cleanly for up to 6 months.



311 Versatile 3M™ Performance Flatback Tape 2525 provides high visibility for holding many materials, edge banding, and splicing.



313 For a sharp paint line on curved fascia, 3M™ Fine Line Masking Tape 4737T adheres securely and removes cleanly even after exposure to 325°F (163°C) for one hour.



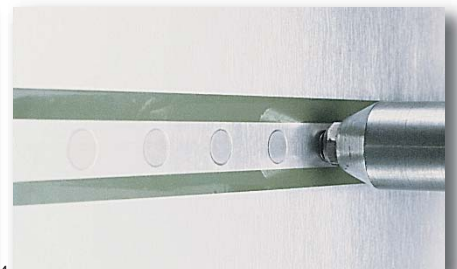
312 3M™ UV Protective Tapes protect automotive mirror finishes from abrasion and marring. UV-stable backing resists the effect of UV exposure for up to 3 months.



316 With permanent resiliency and high coefficient of friction, custom 3M™ Bumpon™ Protective Products provide a soft touch and sure grip for pliers.



314 With acrylic adhesive and nonwoven air-permeable backing, 3M™ Venting Tape 3394 keeps foam-in-place insulation inside appliance doors and cavities.



315 3M™ Riveting Tape 685 with tack-free window holds rivets during bucking without trapping. Low stretch polyester backing with dimensional stability maintains rivet position.



317 To seal fiberglass duct board and flexible duct systems, Scotch® Foil Tape 3326 meets the performance requirements for UL 181A-P and UL 181B-FX.



318 For finished mill overlap splicing, 3M™ Repulpable Permanent Tape provides high shear strength without adhesive oozing or bleed through.

Product Index – Numerical

Product	Page	Product	Page	Product	Page	Product	Page	Product	Page
5	31	966	69	4213NF	29	5004	72	9088FL	65
10	31	969	76	4224NF	29	5051	72	9172MP	69
30H	31	970XL	76	4314	92	5200	46, 47	9185MP	69
30NF	30, 31, 32, 34, 35, 43	976	76	4317	92	5200FC	47	9372DKW	69
49	27, 29	987	76	4318	92	5354	47	9372W	69
60 CA	34, 43	992U	69	4323	29	5425	94	9375W	69
70	32, 34	1099	28	4408	63	5915	58	9377	66
72	42	1099L	28	4416	63	5925	58	9415PC	67
74	32, 34, 42, 43	1252	46, 47	4432	63	5930	58	9416	67
74NF	34	1300	27, 28	4451	67	5932	72	9420	66
75	42	1300L	28	4462	63	5952	58, 60	9425	67
76	42	1357	31	4466	63	5958FR	58	9425HT	67
77	29, 34, 42, 43	1357L	31	4475	27, 28	5962	58, 60	9437	69
78	29, 34, 42, 43	1386	13	4491	28	6035PC	70	9442	70
78 ET	34	1469	13	4492	63	6035PL	70	9443NP	66
78 HT	34	1751 B/A	13	4496	63	6038PC	70	9445	70
80	42	1838 B/A	13	4504	92	6038PL	70	9449S	67
90	34, 42, 43	1838L B/A	13	4508	92	6096	43	9453FL	70
92	34, 43	1870	29	4516	92	6111	36, 40	9453LE	70
94	43	2000NF	30, 31	4550	29	6111HT	36, 40	9456	65
94CA	32, 34, 43	2084	47	4611	58	6116	36, 40	9457	70
98NF	34	2086	13	4646	58	6985-1	45	9458	69
100	30, 68	2141	28	4655	58	6997-1	45	9459W	69
100NF	31	2158 B/A	13	4658F	63, 67	7526L	72	9461P	69
101	47	2214	11, 13	4693	28	7527L	72	9462P	69
401M	66	2216 B/A	10, 13	4693H	27, 28	7945MP	75	9464	70
410M	64, 66	2262	28	4714	92	7951	75	9471	69
415	66	2290	13	4718	92	7952MP	75	9471FL	70
442F	66	2525	95	4726	92	7953HL	75	9471LE	70
442KW	66	3326	95	4737T	95	7953MP	75	9471PC	69
444	65	3394	95	4799	28	7955MP	75	9472	69
444PC	65	3501 B/A	13	4901	45	7956MP	75	9472FL	70
450EK	73	3532 B/A	13	4902	45	7956MWS	75	9472LE	70
450XL	73	3535 B/A	13	4905	58	7956WDL	75	9482PC	70
456CR	66	3549 B/A	13	4910	58, 61	7957MP	75	9485EK	70
463	70	3723	94	4914	58	7959MP	75	9485PC	70
465	68, 70	3731	40	4919F	58	7961MP	75	9490LE	65
465XL	73	3738	37, 40	4920	58	7962MP	75	9492MP	64
466XL	73	3747	40	4926	58	7965MP	75	9495B	64
467MP	68, 69	3748	40	4929	58	7966MWS	75	9495FL	64
467MPF	69	3748 VO	40	4930	58	7966WDL	75	9495LE	65
468MP	69	3750	40	4932	58	7991MPW	75	9495MP	64
468MPF	69	3750LM	40	4935	72	7992MP	75	9495MPF	64
469	65	3755LM	40	4936	58	7992MPW	75	9497	71
471	94	3762	37, 40	4936F	58	7993MP	75	9498	70
476XL	73	3762LM	40	4941	58, 60	7995MP	75	9499	71
501FL	69	3764	40	4941F	58	7997MP	75	9500PC	65
502FL	69	3776LM	40	4943F	58	8038	72	9502	69
540	46, 47	3779	40	4945	58	8039	72	9505	69
560	46, 47	3789	40	4946	58	8049	72	9576	66
600	45	3792	40	4947F	58	8050	72	9576B	66
606NF	47	3792LM	40	4949	58	8053	72	9576R	66
665	67	3794	40	4950	58	8056	71	9576Y	66
666	67	3796	40	4951	58	8057	72	9578	66
685	95	3797	40	4952	58	8058NT	72	9579	66
800	47	3798LM	40	4955	58	8132LE	70	9589	66
826	28	3901	13	4956	58, 60	8153LE	70	9599	66
847	27, 28	3989	21	4956F	58	8979	94	9609	65
847H	28	4000UV FC	47	4957F	58	9009	65	9653LE	70
847L	28	4004	63	4959	58	9019	65	9665	70
900	47	4008	62, 63	4979F	58	9039	65	9667MP	69
909	71	4016	62, 63	4986	72	9045MP	75	9668MP	69
920XL	73	4026	63	4988	72	9056MP	75	9671	69
924	76	4032	63	4991	58, 60	9057MP	75	9671LE	70
926	76	4052	63	4994	72	9059MP	75	9672	69
927	69	4056	63	4996	72	9061MP	75	9672LE	70
928	76	4085	63	4997	72	9082	69	9673	70
941	69	4104	92	4998	72	9085	69	9674	70
950	69	4108	92	4999	72	9086	65	9675	70
950EK	69	4116	92	5002	72	9087	65	9687	65
965	69	4200 FC	47	5002D	72	9088	65	9690	65

Product	Page	Product	Page	Product	Page	Product	Page	Product	Page
9690B	65	Concrete repair		HT40	17	SJ3267	89	SJ3752	86
9731	66	cartridge applicator	14	HT700	16, 17	SJ3268	89	SJ3753	87
9737	66	CV45F	59	L05	17	SJ3272	89	SJ3754	87
9737R	66	CV62F	59	L0100	16, 17	SJ3273	89	SJ3755	88
9738	66	DP100	11	LT	39	SJ3274	89	SJ3756	86
9738R	66	DP100FR	11	Medium Instant		SJ3277	89	SJ3757	86
9740	66	DP100NS	11	Wood Adhesive	15	SJ3278	89	SJ3758	86
9741	66	DP105	11	Medium Set Wood	13	SJ3279	89	SJ3762	88
9772WL	70	DP110	11	Mixing Nozzle	45	SJ3401	91	SJ3763	88
9773WL	70	DP125	11	Multi-Surface Wipes	44	SJ3402	91	SJ3766	87
9774WL	70	DP190	11	PF5422	47	SJ3418FR	91	SJ3767	88
9775WL	70	DP270	11	PF5423	47	SJ3419FR	91	SJ3768	87
9784	70	DP420	10, 11	PG II	39	SJ3460	87	SJ3773	86
9786	65	DP420NS	11	PG II LT	39	SJ3461	87	SJ3777	86
9786NP	65	DP460	11	PR03	17	SJ3462	87	SJ3780	87
9795	66	DP460NS	11	PR5	17	SJ3465	88	SJ3781	86
9795B	66	DP600	11, 12, 45	PR10	17	SJ3476	91	SJ3782	86
9816H	66	DP600NS	12	PR40	17	SJ3477	91	SJ3785	86
9816L	66	DP601	12	PR54	17	SJ3481	87, 88	SJ3787	86
9816M	66	DP601NS	12	PR80	17	SJ3486FR	91	SJ3788	86
9817H	66	DP604NS	12	PR600	17	SJ3487FR	91	SJ3789	86
9817L	66	DP605NS	12	PR600B	17	SJ3506	91	SJ3799	87
9817M	66	DP608	12	PR851	17	SJ3507	91	SJ3804	89
9824	65	DP620NS	12	Primer 94	57	SJ3518FR	91	SJ3805	89
9828	65	DP640	12	PS65	20	SJ3519FR	91	SJ3806	89
9828HL	65	DP805	12	PS67	20	SJ3522	91	SJ3825	89
9828PC	65	DP807	12	PS92	20	SJ3523	91	SJ3826	89
9832	64, 65	DP810	10, 12	RT09	20	SJ3526N	91	SJ3827	89
9832HL	65	DP810NS	12	RT20	20	SJ3527N	91	SJ3848	89
9925XL	73	DP812	12	RT35	20	SJ3530	91	SJ4570	87
9926XL	73	DP820	12	RT40	20	SJ3531	91	SJ4575	87
9934XL	73	DP825	12	RT41	20	SJ3532N	91	SJ4580	87
17005	23	DP5001	12, 47	RT60	20	SJ3533N	91	Solvent No. 2	29
17010	23	DP5003	12	RT80	20	SJ3534	86	Sticker & Marker Remover	44
17030	23	DP5003NS	46, 47	RT142	20	SJ3535	86	Surface Activator	15
17060	23	DP5105	12, 45	SA24	12	SJ3540	87	TC	39
250015	24	DP5106	12, 45	SA30	12	SJ3541	87	TE015	25
250030	24	DP8005	10, 12	SB09	17	SJ3542	87	TE030	25
250060	24	DP8010	12	SB14	17	SJ3543	87	TE031	25
250120	24	DP8010NS	12	SB16	17	SJ3546	91	TE040	25
250150	24	EC	39	SB20	18	SJ3547	91	TE100	25
AC12	18	EC40	18	SB30	18	SJ3550	86	TE200	25
AC68	18	EC100	18	SB93	18	SJ3550CF	86	Thick Instant Wood Adhesive	15
AC77	18	EC600	18	SB95	18	SJ3551	86	Thin Instant Wood Adhesive	15
AC78	18	EC2216	11	SF20	17	SJ3551CF	86	TL22	20
AC79	18	EC2500	18	SF100	17	SJ3552	86	TL42	20
AC113	18	ECIGEL	18	SH100	18	SJ3552CF	86	TL43	20
AC380D	12	EXP 200ml Applicator	14	SH1500	18	SJ3553	86	TL62	20
AC452	18	EXP Metal Applicator	14	SI2500	18	SJ3554	86	TL71	20
AC471	21	EXP Nozzles	14	Silicone Lubricant	44	SJ3560	86	TL72	20
AC649	21	EXP Plus II Applicator	14	SJ3000	91	SJ3561	86	TL77	20
Accessories	39	EXP Pneumatic		SJ3204	88	SJ3562	86	TL90	20
Adhesive Remover	29, 43, 44	Applicators	10, 14	SJ3209	89	SJ3571	91	TS115 HGS	25
AE II	39	5-Way Penetrant	44	SJ3221	89	SJ3572	91	TS230	25
AE II LT	39	F9460PC	58, 69	SJ3222	89	SJ3576	91		
AP-111	57	F9465PC	68, 71	SJ3223	87	SJ3577	91		
AP-115	57	F9469PC	58, 69	SJ3224	89	SJ3586FR	91		
B23F	60	F9473PC	58, 69	SJ3227	88	SJ3587FR	91		
B45F	61	F9752PC	71	SJ3228	88	SJ3700	88		
CA4	15	F9755PC	71	SJ3229	88	SJ3704	89		
CA5	15	Fast Set Non-Sag Wood	13	SJ3235	88	SJ3705	89		
CA7	15	Fast Set Wood	13	SJ3238	88	SJ3713	89		
CA8	15	G23F	60	SJ3244	86	SJ3717	89		
CA9	15	G45F	61	SJ3245	86	SJ3731	89		
CA40	15	G45P	61	SJ3246	86	SJ3736	88		
CA40H	15	GM04	21	SJ3248	88	SJ3741	87		
CA50	15	GM10	21	SJ3249	88	SJ3742	87		
CA100	15	GM15	21	SJ3251	88	SJ3743	89		
Citrus Base Cleaner	44	GM18	21	SJ3252	88	SJ3748	89		
		HP45	20	SJ3261	88	SJ3749	89		
		HP54	20	SJ3263	88	SJ3750	88		
		HP69	20	SJ3266	89	SJ3751	86		

Product	Page	Product	Page	Product	Page	Product	Page	Product	Page
3M™ Adhesive Technologies (other)		9672LE	70	9443NP	66	SJ3755	88	3M™ Fastbond™ Adhesives	
471	94	9772WL	70	9456	65	SJ3762	88	49	27, 29
685	95	9773WL	70	9490LE	65	SJ3763	88	100	30, 68
2525	95	9774WL	70	9492MP	64	SJ3767	88	4213NF	29
3326	95	9775WL	70	9495B	64			4224NF	29
3394	95	F9460PC	58, 69	9495FL	64	3M™ Dual Lock™			
3723	94	F9465PC	68, 71	9495LE	65	Reclosable Fasteners		3M™ Fastbond™ Contact Adhesives	
4737T	95	F9469PC	58, 69	9495MP	64	SJ3223	87	30H	31
5425	94	F9473PC	58, 69	9495MPF	64	SJ3244	86	30NF	30, 31, 32, 34, 35
8979	94	F9752PC	71	9500PC	65	SJ3245	86	100NF	31
		F9755PC	71	9576	66	SJ3246	86	2000NF	30, 31
				9576B	66	SJ3460	87		
				9576R	66	SJ3461	87	3M™ Membrane Switch Adhesives	
3M™ Adhesive Transfer Tapes		3M™ Aerosol Adhesives		9576Y	66	SJ3462	87	7945MP	75
463	70	30NF	43	9578	66	SJ3481	87, 88	7952MP	75
465	68, 70	60 CA	43	9579	66	SJ3534	86	7953HL	75
467MP	68, 69	72	42	9589	66	SJ3535	86	7953MP	75
467MPF	69	74	32, 34, 42	9599	66	SJ3540	87	7955MP	75
468MP	69	75	42	9609	65	SJ3541	87	7956MP	75
468MPF	69	76	42	9687	65	SJ3542	87	7956MWS	75
501FL	69	77	29, 34, 42, 43	9690	65	SJ3543	87	7956WDL	75
502FL	69	78	29, 34, 42, 43	9690B	65	SJ3550CF	86	7957MP	75
909	71	80	42	9731	66	SJ3551	86	7959MP	75
927	69	90	34, 43	9737	66	SJ3551CF	86	7961MP	75
941	69	94	43	9737R	66	SJ3552	86	7962MP	75
950	69	6096	43	9738	66	SJ3552CF	86	7965MP	75
950EK	69	Case Sealing Adhesive	43	9738R	66	SJ3553	86	7966MWS	75
965	69	Palletizing Adhesive	43	9740	66	SJ3554	86	7966WDL	75
966	69	Dry Lay-up Adhesive	43	9741	66	SJ3560	86	7991MPW	75
992U	69			9786	65	SJ3561	86	7992MPW	75
6035PC	70	3M™ Aerosol Chemicals		9786NP	65	SJ3562	86	7993MP	75
6035PL	70	5-Way Penetrant	44	9795	66	SJ3741	87	7995MP	75
6038PC	70	Adhesive Remover	29, 43, 44	9795B	66	SJ3742	87	7997MP	75
6038PL	70	Citrus Base Cleaner	44	9816H	66	SJ3751	86	9045MP	75
7951	75	Multi-Surface Wipes	44	9816L	66	SJ3752	86	9056MP	75
7952MP	75	Silicone Lubricant	44	9816M	66	SJ3753	87	9057MP	75
7955MP	75	Sticker & Marker Remover	44	9817H	66	SJ3754	87	9059MP	75
7962MP	75			9817L	66	SJ3755	86	9061MP	75
7965MP	75	3M™ Concrete Repair Products		9817M	66	SJ3757	86		
8056	71	600	45	9824	65	SJ3758	86	3M™ Release Liners and Printable Films	
8132LE	70	4901	45	9828	65	SJ3766	87	4935	72
8153LE	70	4902	45	9828HL	65	SJ3768	87	4986	72
9082	69	6985-1	45	9828PC	65	SJ3773	86	4988	72
9085	69	6997-1	45	9832	64, 65	SJ3777	86	4994	72
9172MP	69	DP600	11, 12, 45	9832HL	65	SJ3780	87	4996	72
9185MP	69	DP5105	12, 45			SJ3781	86	4997	72
9372DKW	69	DP5106	12, 45	3M™ Dual Lock™ - Piece Parts		SJ3782	86	4998	72
9372W	69	Mixing Nozzle	45	SJ3204	88	SJ3785	86	4999	72
9375W	69			SJ3209	89	SJ3787	86	5002	72
9437	69	3M™ Double Coated Foam Tapes		SJ3221	89	SJ3788	86	5004	72
9442	70	4004	63	SJ3222	89	SJ3789	86	5051	72
9445	70	4008	62, 63	SJ3224	89	SJ3799	87	5932	72
9453FL	70	4016	62, 63	SJ3227	88	SJ3804	89	8038	72
9453LE	70	4026	63	SJ3228	88	SJ3805	89	8039	72
9457	70	4032	63	SJ3229	88	SJ3806	89	8049	72
9458	69	4052	63	SJ3235	88	SJ3825	89	8050	72
9459W	69	4056	63	SJ3238	88	SJ3826	89	8053	72
9461P	69	4085	63	SJ3248	88	SJ3827	89	8057	72
9462P	69	4408	63	SJ3249	88	SJ3848	89	5002D	72
9464	70	4416	63	4432	63	SJ4570	87	7526L	72
9471	69	4462	63	4466	63	SJ4575	87	7527L	72
9472	69	4492	63	4496	63	SJ4580	87	8058NT	72
9497	70	4496	63	4658F	63, 67				
9498	70			3M™ Double Coated Tapes		3M™ EPX Applicators			
9499	70	401M	66	4010M	64, 66	Concrete repair cartridge			
9502	69	415	66	442F	66	applicator	14		
9505	69	442KW	66	444	65	EXP 200ml Applicator	14		
9665	70	444PC	65	456CR	66	EXP Metal Applicator	14		
9671	69	SJ3263	88	469	65	EXP Nozzles	14		
9471FL	70	SJ3266	89	9009	65	EXP Plus II Applicator	14		
9471LE	70	SJ3267	89	9019	65	EXP Pneumatic	14		
9471PC	69	SJ3268	89	9039	65	Applicators	10, 14		
9672	69	SJ3272	89	9086	65				
9472FL	70	SJ3273	89	9087	65	3M™ Extended Liner Tapes			
9673	70	SJ3274	89	9088	65	450EK	73		
9472LE	70	SJ3277	89	9088FL	65	450XL	73		
9674	70	SJ3278	89	9377	66	465XL	73		
9675	70	SJ3279	89	9420	66	466XL	73		
9482PC	70	SJ3465	88			476XL	73		
9784	70	SJ3481	87, 88			920XL	73		
9485EK	70	SJ3700	88			9925XL	73		
9485PC	70	SJ3704	88			9926XL	73		
9653LE	70	SJ3705	89			9934XL	73		
9667MP	69	SJ3713	89						
9668MP	69	SJ3717	88						
9671LE	70	SJ3731	89						
		SJ3736	88						
		SJ3743	89						
		SJ3748	89						
		SJ3749	89						
		SJ3750	88						

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



Industrial Adhesives and Tapes Division

3M Center
Building 225-5S
St. Paul, MN 55144
1-800-362-3550
www.3M.com/adhesives

3M, Bumpon, VHB, Scotchmate, Dual Lock, Scotch-Weld, Fastbond, Scotch-Seal, Weatherban and Shipping-Mate are trademarks of 3M Company. Scotch is a registered trademark of 3M Company. Kapton and Nylon are registered trademarks of DuPont de Nemours. Lexan and Noryl are registered trademarks of General Electric. Santoprene is a registered trademark of ExxonMobil. Viton is a registered trademark of DuPont Performance Elastomers. Monel is a registered trademark of Special Metals Corporation.

Printed in U.S.A.
© 2008 3M
Bolger 8120309
70-0709-3988-2