

Tapes

Fasteners

① 3M™ Scotchmate™ Reclosable 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	Acrylic	D, P	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.
SJ3576 SJ3577	Hook Loop	Polyester	1,000	Acrylic	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	Acrylic	B	0.15 (3,8)	500g 158°F (70°C)	Bonds well to many flexible plasticized vinyls, prevents adhesive oozing with aging.
Synthetic Rubber Adhesive								
SJ3526N SJ3527N	Hook Loop	Nylon	5,000	Synthetic Rubber	A, P	.015 (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.
Plainback (No Adhesive)								
SJ3401 SJ3402	Hook Loop	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.
Back to Back								
SJ3000	Back to Back Hook and Loop	Polypropylene/ Polyester	25	None	None	0.06 (1,5)	500g 120°F (49°C)	Only available in red. 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 3mil polyethylene film printed with "3M™ Scotchmate™" in red.
B – Clear 3.5mil polyolefin film with no printing.
D – Clear 4.0mil polypropylene film with white embossed 3M logo.
P – Brown 83# PCK liner with no printing. Good for die-cutting directly against liner.

Footnotes:

- 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.
- Able to support indicated weight in a system static 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 datasheets for more detailed product performance information.

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Fasteners (cont.)

① 3M™ Dual Lock™ Reclosable Fasteners

Product Number	Product Type ¹	Dual Lock Color	Backcoating ² Adhesive	Liner	Engaged Thickness ³ Inches (mm)	Temperature Performance ⁴ Wt. in Grams Temp: °F (°C)	Comments
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	250 400	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.
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.
SJ3781	250						Certified to GM3618M, Daimler Chrysler PF-8543, PF-8858, Ford WSB M15P35 Type III.
SJ3751	400						Product with continuous liner and product splice is SJ3781FS. Certified to GM3618M, Daimler Chrysler PF-8543, PF-8858, Ford WSB M15P35 Type III.
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.

Footnotes:

- 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.
- Able to support indicated weight in a system static 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 datasheets for more detailed product performance information.

Linners:

- A – Clear 3.5mil polyolefin film with no printing.
- B – Red 4.5mil (0.11mm) thick polyolefin with no silicone release coating.
- C – White 5.0mil (0.13mm) thick polyethylene with silicone release coating.

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Fasteners (cont.)

① 3M™ Dual Lock™ Low Profile Reclosable Fasteners

Product Number	Product Type ¹	Dual Lock Color	Backcoating ² Adhesive	Liner	Engaged Thickness ³ Inches (mm)	Temperature Performance ⁴ Wt. in Grams Temp: °F (°C)	Comments
Nonwoven							
SJ3754	170	Black	White Nonwoven	None	0.35 (8,9)	1,000g 200°F (93°C)	Certified to Ford WSB M15P35 Type V.
SJ3223	250						
SJ3753	400						
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						
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' strips. Certified to FMVSS 302.
3M™ Acrylic PSA							
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.

Footnotes:

- Type 400 is not recommended to be engaged to other type 400 fasteners. As well, type 170 should not be engaged with type 170. Type 705 is recommended to be engaged only to other Type 705 fasteners.
- Acrylic PSAs are best suited for outdoor or high humidity applications for medium to high energy surfaces.
- 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.
- Able to support indicated weight in a system static shear for 10,000 minutes (approximately 1 week), at indicated temperature.


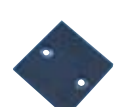
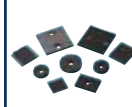
Notes:

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 datasheets for more detailed product performance information.

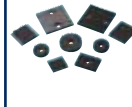
Tapes

Fasteners (cont.)

① 3M™ Dual Lock™ Reclosable Fasteners – Piece Parts

	Product Number	Product Type ¹	Dimensions ² (Length x Width) or Diameter for Circular Parts Inches (mm)	Functional Size/Area Square Inches (square cm)	Engaged Thickness ³ Inches (mm)	Counter-bored Hole Diameter Inches (mm)	Through hole Diameter Inches (mm)	Spacing (on Centers) Between Holes Inches (mm)	Comments Temperature Range from -20°F to 250°F (-29°C to 121°C)
Circle with a counterbored center hole									
	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)	—	
	SJ3463	400							
	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									
	SJ3252	400	1-1/2" x 1-1/2" (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)	15mils (0,4mm) thicker than SJ3767.
	SJ3767			0.273 (6,93)	0.29 (7,5)	0.14 (3,6)	1" (25,4)	15mils (0,4mm) thinner than SJ3261.	
Rectangle with no holes									
	SJ3204	250	1" x 1" (25,4 x 25,4)	1.0 (6,45)	0.288 (7,31)	—	—	—	
	SJ3481	400	4' x 1" or 2" (1,22m 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.

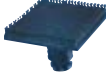



① 3M™ Dual Lock™ – Piece Parts (Flange)

	Product Number	Product Type ¹	Dimensions ² (Length x Width) or Diameter for Circular Parts Inches (mm)	Functional Size/Area Square Inches (square cm)	Engaged Thickness ³ Inches (mm)	Counter-bored Hole Diameter Inches (mm)	Flange Width Inches (mm)	Flange Thickness Inches (mm)	Comments Temperature Range from -20°F to 250°F (-29°C to 121°C)
Rectangular slide-in (2 edges cut down forming a flange) for mounting into a bracket									
	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)	
	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	32mm x 50mm	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)	

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Fasteners (cont.)

① 3M™ Dual Lock™—Piece Parts with Functional Bases

	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)	Comments
Pine tree shaped push-in stem for insertion into wood and similar substrates over a range of thicknesses.						
	SJ3209	250	26 x 26mm	1.04 (6,7)	0.293 (7,44)	12mm (0.49") long base stem, designed to fit a 7,9–8,4mm diameter hole.
	SJ3749	400				
	SJ3222	250	26 x 26mm	1.04 (6,7)	0.293 (7,44)	12mm long base stem, designed to fit a 7–7,5mm diameter hole.
	SJ3224	400				
	SJ3748	400	26 x 26mm	1.04 (6,7)	0.293 (7,44)	16,5mm long base stem, designed to fit a 7,9–8,4mm diameter hole.
	SJ3267	170	26 x 26mm	1.04 (6,7)	0.293 (7,44)	12,74mm long base stem, designed to fit an 8,20–8,50mm diameter hole.
	SJ3267	250				
SJ3268	400					
Single round cone shaped base for sliding into a key hole slot						
	SJ3743	170	20mm x 20mm	0.62 (4,0)	0.293 (7,44)	Fits a slot in a 3,1–3,25mm thick panel that is 18mm in diameter. of the cone is 3,25mm tall and 4mm wide.
	SJ3705	250				
	SJ3221	250	20mm x 20mm	0.62 (4,0)	0.272 (6,91)	Fits a slot in a 2,65mm thick panel that is 18mm in diameter. The shaft (stem of the cone) is 2,65mm tall and 4mm wide.
	SJ3731	400				
Snap-in base for a 10mm diameter round hole						
	SJ3715	400	26 x 26mm	1.04 (6,7)	0.293 (7,44)	Fits 0,97–1,0mm thick panel.
Snap-in base for 6,5 x 10mm rectangular hole						
	SJ3704	250	26 x 26mm	1.04 (6,7)	0.293 (7,44)	Fits a 1,30–1,59mm thick panel.
	SJ3713	400				
	SJ3226	170	26 x 26mm	1.04 (6,7)	0.283 (7,19)	Fits a 0,71–0,91mm thick panel.
	SJ3719	250				
	SJ3711	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:

- 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. The engagement strength for the same area a
- The actual 3M™ Dual Lock™ area available for (disengagement 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.
- 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.