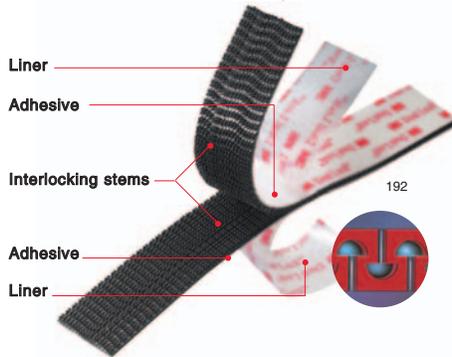




## 3M™ Dual Lock™ Reclosable Fasteners

### 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 of the system is high enough to replace mechanical fasteners in many applications.\* Yet, you can readily open and close 3M™ Dual Lock™ Reclosable Fasteners hundreds of times. Depending on your application, 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. 3M™ Dual Lock™ Reclosable Fasteners Low Profile is thinner than standard 3M™ Dual Lock™ Reclosable Fasteners, performs similar to the 250/250 combination, and is clear for color matching.



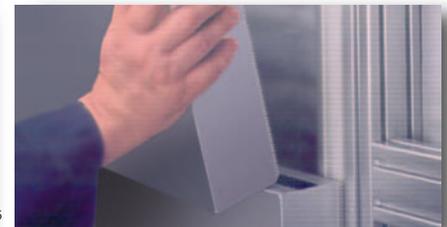
Removable plastic storage box for computer media attaches to the side of the CRT screen with strips of 3M™ Dual Lock™ Reclosable Fastener. Pressure sensitive adhesive backing bonds to many plastics on contact.



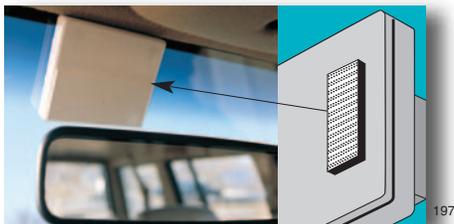
3M™ Dual Lock™ Reclosable Fastener secures a document holder to the side of a PC monitor. When not in use, the holder simply snaps off for storage.



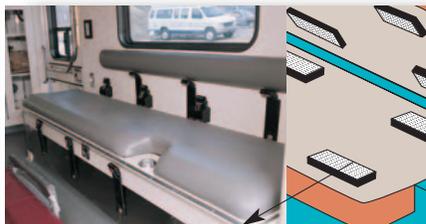
For convenient access to wiring in moveable office partitions, 3M™ Dual Lock™ Reclosable Fasteners attach metal cover plates over wiring channels for quick snap access.



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.



A 3M™ Dual Lock™ Reclosable Fastener attaches an automatic toll transponder to a windshield. Attachment is secure, yet the transponder can be easily removed to help prevent theft.



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.

**\* 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

## Product Information: 3M™ Dual Lock™ Reclosable Fasteners

Product Number	Product Type <sup>1</sup>	Color	Backcoating <sup>2</sup>	Liner	Engaged Thickness <sup>3</sup> Inches (mm)	Temperature Performance <sup>4</sup> Wt. in grams (Temp: °F/°C)	Comments
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.
SJ3785	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.
SJ3787	250						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.
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.
SJ3550	250						Product with high strength Scotchmate splice is SJ3550SM. SJ3550V is packaged for clean room use.
SJ3551	400						One roll (1" x 4.9 yd.) each of SJ3551 and SJ3552 can be ordered as MP3551/3552.
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.
SJ3550CF	250						Similar to SJ3534 but engaged thickness is 0.05" (1.1 mm) thicker.
SJ3551CF	400						Similar to SJ3535 but engaged thickness is 0.05" (1.1 mm) thicker.
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.
SJ3560	250						Two rolls (1" x 4.9 yd.) of SJ3560 can be ordered as MP3560.
SJ3561	400						Product with continuous liner and product splice is SJ3560FS.
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.
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.
SJ3553	400						Offers improved adhesion to high energy surfaces.
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.
SJ3789	250						
SJ3757	400						

Footnotes and notes found on next page.

## Product Information: 3M™ Dual Lock™ Reclosable Fasteners

	Product number	Product Type <sup>1</sup>	Color	Backcoating <sup>2</sup>	Liner	Engaged Thickness <sup>3</sup> Inches (mm)	Temperature Performance <sup>4</sup> Wt. in grams (Temp: °F/°C)	Comments
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	SJ3444	170	Black	White nonwoven	None	0.35 (8.9)	1,000g 200°F (93°C)	Nonwoven backing for easy attachment via use of liquid adhesives.  Certified to Ford WSB M15P35 Type V.
	SJ3443	400						
	SJ3754	170						
	SJ3223	250						
	SJ3753	400						
	SJ3543	250	Clear					
No adhesive coating	SJ3442	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.  Certified to FMVSS 302, Ford WSB M15P35 Type IV. Product with marked splices: SJ3241.
	SJ3742							
	SJ3440	250						
	SJ3780							
	SJ3441	400						
	SJ3741							
	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™ Acrylic PSA	<b>3M™ Dual Lock™ Low Profile Reclosable Fasteners</b>							
	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 10feet) of SJ4570 can be ordered as MP3541/3542.
	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.

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.

### 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 with 3M™ Dual Lock™ printed in red.
- 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. Type 705 is recommended to be engaged only to other Type 705 fasteners.
- 2) Acrylic PSAs are best suited for outdoor or high humidity applications for medium to high surface substrates.
- 3) Engaged thickness is for products with the same backcoating engaged in the following combinations of increasing tensile strength: 170/250 < 250/250 < 170/400 < 250/400. You can mix products with different backcoatings to obtain an even greater variety of engaged thicknesses. Any of these 3M™ Dual Lock™ Reclosable Fastener products can be engaged with 3M™ Scotchmate™ Loop Reclosable Fasteners providing a quick grab closure with high strength and limited cycle life.
- 4) Able to support indicated weight in a system static shear to aluminum for 10,000 minutes (approximately 1 week), at indicated temperature.

### Notes:

Suggest 4 square inches of fastener per pound of load supported in long term shear. Suggest type 250 engaged to type 250 as a starting point for evaluations. 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.