

**3M**

# Reclosable Fasteners

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**T**raditional reclosable fasteners such as zippers, screws, bolts, snaps, hooks or latches get the job done, but if you want more choice for your product design and assembly, consider the innovative 3M™ Reclosable™ Fastening Systems – they are three-ways better.

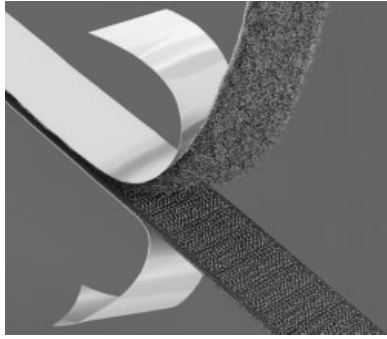
**Better appearance:** Reclosable fastening systems are hidden beneath the surface of your products. With adhesive-backed fasteners there are no holes, protrusions, snap caps, or fastener heads. The surface is sleek and clean.

**Expanded design options:** You can select from a range of closure strengths to meet the requirements of your design.

**Faster and easier to assemble:** 3M fasteners with pressure-sensitive adhesive backing are applied as quickly and easily as tape. Remove the liner and, without touching the adhesive, place the fastener on a clean, dry surface. To obtain optimum bond strength, roll down the fastener with a firm application pressure. Approximately 50% of the bond strength will be achieved after 20 minutes. Maximum strength is achieved after additional dwell time.

3M's adhesive-backed fasteners will bond to bare or painted metal, many plastics including plasticized vinyl, wood, glass, and more. Depending on the formulation of the adhesive, bonds are secure at temperatures as low as -20°F (-29°C) and as high as 200°F (93°C) and painted concrete.

# Hook and Loop



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When the two sides of a 3M™ Scotchmate™ Hook and Loop Fastener are pressed together, hundreds of tiny, stiff hooks mesh with a surface of pliable loops. Simply press together to fasten and pull apart to open. You'll be able to do it thousands of times during the life

of your product. Prolonged exposure to water does reduce hook and loop closure strength, but full strength returns after drying. The black colored product has somewhat better moisture resistance and is recommended for outdoor weathering and UV exposure applications.



## Hook and Loop Application Ideas

Market	Application
Autos	Mount auto burglar alarms
RVs	Dash covers
Trucks	Garage door opener mounting
Marine	Upholstery on seats
	Cellular phones
	Sunshades in autos
	Garage door openers
Electrical	Mount battery packs in equipment
Electronic	Computer reflective screens
	Wire bundling
Office	Anchor modular office partitions
	Display booth exhibits
	Office name plates

**Note:** The following factors must be considered: adhesive, surface contact, substrates, performance requirements, environmental conditions and appearance. The user must determine whether the product is fit for a particular purpose and suitable for the user's method of application. 3M publishes a "Designers Reference Guide to Reclosable Fastening Systems" literature code #70-0704-5609-3. A copy is available from your sales representative or customer service.

### Highland™ SJ-3532-Hook/SJ-3533-Loop

Highland Hook and Loop Fastening System is made of 100% nylon and coated with a pressure-sensitive adhesive, allowing it to be used in typical hook and loop applications while adhering to a wide variety of surfaces.

The Highland brand hook and loop are not recommended for use on flexible vinyls such as floor mats and carpet runners, fabric or leather.

### 3M™ Scotchmate SJ-3522 Hook/SJ-3523 Loop

This PV2000 backed 3M Scotchmate SJ-3522 Hook and Loop Fastening System is specifically designed for use on plasticized vinyls.

**Features:** Bonds to flexible vinyls – floor mats, carpet runners, fabric or leather.

### 3M™ Scotchmate SJ-3526 Hook/SJ-3527 Loop

The 3M Scotchmate 26 Series Hook and Loop Fastening System is for general purpose use and just needs a smooth, clean, dry surface for strong adhesion.

**Features:** General purpose adhesion to most smooth surfaces - bare and painted metal, finished wood, plastics (ABS polystyrene, acrylic, polyethylene, polypropylene, polycarbonate, rigid vinyl), paper and cardboard, glass and painted concrete.

The nylon hook and loop material resists most common solvents and alkaline solutions. Some acid solutions will deteriorate the fastener.

**Features:** Economical Highland brand - use on bare and painted metal, finished wood, plastics (ABS polystyrene, acrylic, polyethylene, polypropylene, polycarbonate, rigid vinyl) and painted concrete.

### 3M™ Scotchmate™ SJ-3571-Hook/SJ-3572-Loop

These 3M Scotchmate 71 Series Hook and Loop Fastening System is made of a high temperature acrylic coated with a premium performance pressure-sensitive adhesive, made of 100% nylon and preshrunk to insure maximum dimensional stability and flatness.

The nylon hook and loop material resists most common solvents and alkaline solutions. Some acid solutions will deteriorate the fastener. It is not recommended for use on flexible vinyls such as floor mats and carpet runners, fabric or leather.

**Features:** High performance for aircraft, automotive, business equipment, electronics. Resists harsh wet/dry, hot/cold cycles. Use on bare and painted metal, plastics (ABS polystyrene, acrylic, polycarbonate, rigid vinyl), glass and painted concrete.

### 3M™ Scotchmate Mini Pack/Dispenser Boxes

These 3M Scotchmate Hook and Loop Fastening System Mini-Packs are of the general purpose 26 Series product. They have one roll each of both the hook and the loop material in each pack.

## Specification Information for Hook and Loop Fasteners

Product Number	Backing/ Attachment	Dwell Time	Operating Temperature	Color
SJ-3522 Hook & SJ-3523 Loop	Pressure-sensitive PV2000 plasticizer-resistant adhesive	1 hr. for light loads 24 hrs. for max. performance	Up to 158°F (70°C) continuous	Black
SJ-3526 Hook & SJ-3527 Loop	Pressure-sensitive rubber adhesive	1 hr. for light loads 24 hrs. for max. performance	-20°F – 120°F (-29°C – 49°C) continuous -20°F – 158°F (-29°C – 70°C) intermittent	Black
SJ-3532 Hook & SJ-3533 Loop	Pressure-sensitive rubber adhesive	1 hr. for light loads 24 hrs. for max. performance	Up to 120°F (49°C) continuous in static load applications	Black
SJ-3571 Hook & SJ-3572 Loop	Pressure-sensitive very high bond Scotch™ Acrylic Adhesive VHB	48 hrs. min., 72 hrs. for max. performance	-20°F (-29°C) to 200°F (93°C) continuous Supports static loads up to 2.2 lbs/sq. in. at 200°F (93°C)	Black

## Ordering Information for Hook and Loop Fasteners

Product Number	UPC (021200-)	Description	Dimensions	Inner Unit Pack	Case Qty.
SJ-3522	86236	Hook (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	3
SJ-3523	86238	Loop (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	3
SJ-3526	86243	Hook (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	3
SJ-3527	86252	Loop (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	3
SJ-3532	86259	Hook (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	-
SJ-3533	86266	Loop (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	3
SJ-3571	86285	Loop (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	3
SJ-3572	86286	Hook (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	3
MP-3526/27	06481*	Hook and Loop Fastener Mini Pack (Black)	1" x 4.9 yd roll (25,4 mm x 4,5 m)	pack	5
MP-3526/27	06488*	Hook and Loop Fastener Mini Pack (White)	1" x 4.9 yd roll (25,4 mm x 4,5 m)	pack	5

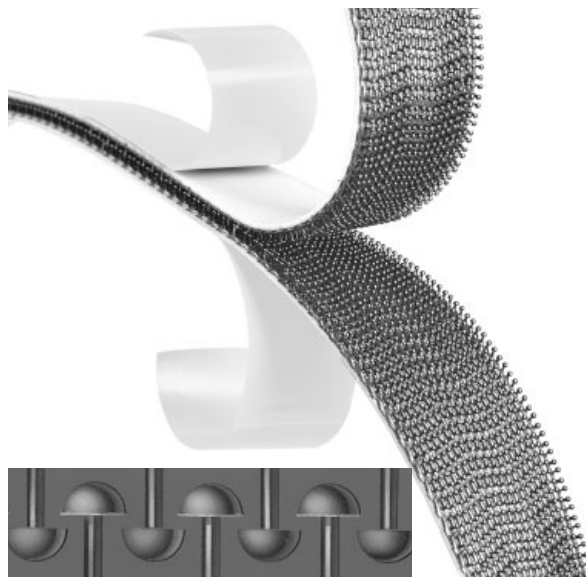
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# Dual Lock

## 3M™ Dual Lock™ Reclosable Fastening Systems

When Dual Lock reclosable fasteners are pressed together, hundreds of mushroom-shaped stems interlock with one another. An audible snap indicates the fastener is locked. Compared to 3M Scotchmate™ Hook and Loop Reclosable Fasteners, you get improved tensile strength with five times more holding power. They are so strong you can open and close them over one thousand times during their life.

Adhesive backed Dual Lock fasteners are available for bonding to bare or painted metal, many plastics including plasticized vinyl, plus wood, glass, and more. Depending on the formulation, bonds are secure at temperatures as low as -20°F (-29°C) and as high as 200°F (93°C).



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### Dual Lock Application Ideas

Market	SJ-3463/65	SJ-3641/42	SJ-3560
Autos Trucks RVs	Access panels to consoles First aid kit to glove compartment Headlight covers Window louvers Pictures in RVs Van conversions Panels in RVs and trucks Sunshades in cars	Upholstered pads over console fuse box Cabinet door fasteners on busses First aid kit to glove compartment	Cellular Phones Headlight covers Window louvers Pictures in RVs Van conversions Panels in RVs and trucks Sunshades in cars
Marine	Access panels to consoles	Attach lightweight objects	Attach boat covers Removable tackle box Mount jet ski accessories
Electrical Electronics	Access panels on computers Mount computer battery packs	Access panels on computers Components attachment Secure various testing devices to test kits	Mount computer battery packs Access panels
Miscellaneous	Access panels on exercise machines Access panels on office partitions Acoustical panels in offices Accessories on wheelchairs Decorative wood trim on furniture Chair backs to frames Mount air conditioner cover	Access panels on exercise machines Outbacks on office chairs Access panels on office partitions	Acoustical panels in offices Accessories on wheelchairs Awning attachment Decorative wood trim on furniture Chair backs to frames Mount air conditioner cover

### 3M™ Dual Lock SJ-3463 & SJ-3465 Rounds

3M Dual Lock SJ-3463/65 Reclosable Fastening System is composed of round fasteners that are used to eliminate unsightly holes or screw heads in the surface of panels. They are made from a rigid version of plain-backed Dual Lock SJ-3441 fastener – both sides use Type 400 stems. Through a recessed center hole, the reclosable fastener can be bolted, screwed or ultrasonically welded to a plastic stud.

**Features:** General purpose adhesion to most smooth surfaces – bare and painted metal, finished wood, plastics (ABS, polystyrene, acrylic, polyethylene, polypropylene, polycarbonate, rigid vinyl), paper and cardboard, glass and painted concrete.

### 3M™ Dual Lock SJ-3541/SJ-3542

Use 3M Dual Lock SJ-3541/SJ-3542 Reclosable Fastening System in a huge range of applications – apparel closures, appliances, aircraft seat cushions, electronic equipment, furniture, medical devices, helmet padding and fastening, signs and displays, recreational equipment, wall partitions, and many, many more.

**Features:** General purpose adhesion to most smooth surfaces – bare and painted metal, finished wood, plastics (ABS, polystyrene, acrylic, polyethylene, polypropylene, polycarbonate, rigid vinyl), paper and cardboard, glass and painted concrete.

### 3M™ Dual Lock™ SJ-3560 Clear

The 3M Dual Lock SJ-3560 Reclosable Fastening System Type-250 is made to blend more aesthetically with your product. It is clear, letting your product colors show through and adhesive-backed with 3M's clear pressure-sensitive, very high bond Scotch® VHB Acrylic Adhesive.

**Mechanical Attachment:** SJ-3560 can be stapled to porous surfaces such as unsealed wood. It can also be sewn to fabric. The adhesive system allows pre-positioning prior to stapling and sewing.

**Features:** UV and plasticizer resistant - use on bare and painted metal, finished wood, plastics (ABS, polystyrene, acrylic, polycarbonate, rigid vinyl, plasticized vinyl), paper, cardboard, glass and painted concrete.

### Mini Pack/Dispenser Boxes

3M Dual Lock Reclosable Fastening System Mini-Pack Dispenser Boxes contain two rolls of product.

## Specification Information for Dual Lock Fasteners

Product Number	Mating	Backing/ Attachment	Dwell Time	Operating Temperature	Color
SJ-3463 & SJ-3465 Rounds	Flexible surfaces- Type 400 Rigid surfaces – Type 250 or Type 170	Bolts, screws or ultrasonically welded to a plastic stud	None – as soon as the bolt or screw is fastened, they're secure	-20°F – 120°F (-29°C – 49°C) continuous -20°F – 158°F (-29°C – 70°C) intermittent	Black
SJ-3541 & SJ-3542	Most universal combination – Type 400 with Type 170 Two flexible surfaces – Type 400 mated to itself Greater strength but limited openings and closings (20 to 50) – Type 170 with 3M Scotchmate Loops	Pressure-sensitive rubber adhesive	One hour for light loads, 24 hrs. for max. performance	-20°F – 120°F (-29°C – 49°C) continuous -20°F – 158°F (-29°C – 70°C) intermittent	Black
SJ-3560 Clear	Type 250 with itself or with Type 400	Clear, pressure-sensitive acrylic Scotch VHB Acrylic Adhesive	48 hrs. min., 72 hrs. for max. performance	-20°F – 200°F (-29°C – 93°C)	Clear Liner color- Red polyolefin film

## Ordering Information for Dual Lock Fasteners

Product Number	UPC (021200-)	Description	Dimensions	Billing Unit	Case Qty.
SJ-3463	62726	Dual Lock Reclosable Fastener, plain back, no adhesive – recessed center hole	13/16" (20,638 mm)	pieces	5,000
SJ-3465	67120	Dual Lock Reclosable Fastener, plain back, no adhesive – recessed center hole	9/16" (14,288 mm)	pieces	5,000
SJ-3541	86277	Dual Lock Reclosable Fastener (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	2
SJ-3542	86309	Dual Lock Reclosable Fastener (Black)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	2
SJ-3560	86282	Dual Lock Reclosable Fastener (Clear)	1" x 50 yd roll (25,4 mm x 45,7 m)	rolls	2
SJ-3571	86285	Hook (Black)		rolls	3
SJ-3572	86286	Loop (Black)		rolls	3
MP-3541/42	06483*	Dual Lock Reclosable Fastener (Black)	1" x 4.9 yd roll (25,4 mm x 4,5 m)	pack	5
MP-3551/52	06484*	Dual Lock Reclosable Fastener (Black)	1" x 4.9 yd roll (25,4 mm x 4,5 m)	pack	5
MP-3560	06463*	Dual Lock Reclosable Fastener (Clear)	1" x 4.9 yd roll (25,4 mm x 4,5 m)	pack	5

\* UPC prefix 051131-

