

3M™ Dual Lock™ Reclosable Fastener SJ3542 170

Black, 1/2 in x 50 yd 0.23 in (5.88 mm), 4 per case Bulk

3M ID 70006131083, UPC 00021200863479

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- Black, interlocking mushroom-shaped heads (170 stem density per square inch) provide strong, reliable and durable fastening that can be opened and closed multiple times
- Mates with Type 250 and Type 400 stem densities to provide different strength combinations
- Synthetic rubber-based adhesive bonds well to a variety of substrates including low surface energy plastics such as polyethylene and polypropylene
- Strong fastener secures with an audible snap, verifying closure

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Specifications

Attribute Name	Value
Adhesive Type	Rubber
Assembly Type	Mounting and Trim Attachment , Panel to Frame / Stiffener to Panel
Brand	Dual Lock
Closure Life	1000
Color	Black
Engaged Thickness	0.23 Inch
Flame Retardant	No
Indoor/Outdoor	Indoor

Industries	Construction , Electronics , Furniture , General Industrial , MRO , Packaging , Retail
Length	50 Linear Yard
Length (Metric)	45.72 m
Low Profile	No
Maximum Operating Temperature (Celsius)	49 Degree Celsius
Maximum Operating Temperature (Fahrenheit)	120 Degree Fahrenheit
Primary Liner	White Polyolefin
Primary Liner Thickness	5 mil
Product Form	Roll
Solution for	Wireless Network: Infrastructure Accessories
Stem Density	170
Substrate 1	Glass (Inked Glass - Ceramic) , Metal (Aluminum - Powder Coated - Copper - Stainless Steel - Zinc/Galvanized) , Plastics/Composites (ABS - Carbon Fiber - Acrylic - Fiberglass - Polycarbonate - Polyester - Polyimide - Polystyrene - Rigid Vinyl) , Plastics/Composites (Nylon - PEEK - Polyethylene - Polypropylene)
Substrate 2	Glass (Inked Glass - Ceramic) , Metal (Aluminum - Powder Coated - Copper - Stainless Steel - Zinc/Galvanized) , Plastics/Composites (ABS - Carbon Fiber - Acrylic - Fiberglass - Polycarbonate - Polyester - Polyimide - Polystyrene - Rigid Vinyl) , Plastics/Composites (Nylon - PEEK - Polyethylene - Polypropylene)
Volatile Organic Compounds (VOCs)	See Safety Data Sheet, Regulatory Data Sheet
Width	0.5 Inch
Width (Metric)	12.7 mm

Details

- Black, interlocking mushroom-shaped heads (170 stem density per square inch) provide strong, reliable and durable fastening that can be opened and closed multiple times
- Mates with Type 250 and Type 400 stem densities to provide different strength combinations
- Synthetic rubber-based adhesive bonds well to a variety of substrates including low surface energy plastics such as polyethylene and polypropylene
- Strong fastener secures with an audible snap, verifying closure
- An alternative to screws and bolts, this hidden fastener provides a snug fit and smooth aesthetic appearance
- Features good temperature resistance of 120°F (49°C)
- Best suited for indoor use

3M™ Dual Lock™ Reclosable Fastener SJ3542 is the easy and clear alternative to traditional fastening methods, such as screws, nuts or bolts. It is designed to deliver a durable, reclosable fastening solution (which can be opened and closed multiple times) which bonds to a variety of substrates including many plastics and low surface energy materials.

Unlock Simplicity

Durable and secure, 3M™ Dual Lock™ Reclosable Fastener SJ3542 has exceptional strength through its interlocking mushroom-shaped heads (170 stem density per square inch), providing up to 5X the tensile strength of typical hook-and-loop products. We designed this fastener with a synthetic rubber-based black PE foam tape protected by a removable, film liner. This pressure sensitive adhesive features quick stick and a short dwell time. With 3M™ Dual Lock™ Reclosable Fastener SJ3542, there is no need for any drilling, screwing or sewing tools which makes for quick installation.

Recommended Applications:

- Access panels
- Interior signage
- Decorative trim
- Office partitions
- Product IDs

Stem Density (per sq/in) Combinations	
Strongest	250:400
Stronger	250:250 or 170:400
Strong	170:250
Not Recommended	170:170 or 400:400

3M™ Dual Lock™ Reclosable Fasteners are available in three stem densities to customize for the strength requirements of your project

Design Flexibility

3M™ Dual Lock™ Reclosable Fastener SJ3542 consists of interlocking mushroom-shaped heads that easily slide over each other, allowing for positioning of parts before being snapped together. This fastening process creates a durable attachment and provides fast product assembly with great design flexibility. Our reclosable fasteners can also engage with different stem densities for varying levels of strength and system performance.

3M™ Dual Lock™ Reclosable Fasteners sound an audible snap when secure, which verifies closure of the attachment. To disengage, simply peel the pieces apart by hand. Our fasteners maintain their strength throughout multiple attachments and detachments. A lightweight alternative to metal fasteners, this product remains hidden beneath surfaces and does not interfere with the integrity of your material—providing aesthetic improvements and design flexibility.

Hundreds of Reattachments in a Snap

When two pieces of 3M™ Dual Lock™ Reclosable Fasteners mate, the stems flex and the mushroom heads slide past each other. After passing the opposing mating piece, the stems snap back into their original position and the opposing mushroom heads interlock. These fasteners can provide high tensile strength but can be opened by simply cleaving or peeling open the closure. This product is well suited for many indoor applications where a good performance, high strength, reclosable fastening system is required.

Delivers Long-Lasting Performance

Not all design requirements are easily satisfied, but you can simplify your attachments. When you need a strong, reliable, yet removable closure, 3M™ Dual Lock™ Reclosable Fasteners are the easy alternative to traditional fastening methods such as screws, nuts or bolts.

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Features Benefits

3M Dual Lock Overview Video (MP4, 23.8MB)

Brochure

New 3M Dual Lock Brochure2 (PDF, 4.3MB)

Catalog

3M Reclosable Fastener Brochure HR (PDF, 17.0MB)

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Reviews



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