

3M Construction & Home Improvement Markets

Product Information Sheet

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Scotch™ Extreme Fasteners



General Description


Scotch™ Extreme Fasteners are a closure system that is an alternative to screws, clips, rivets, snaps, and bolts. The stems attach to themselves and form a strong bond. They are backed with a pressure-sensitive adhesive that bonds to many indoor and outdoor surfaces, including non-smooth surfaces. Each 5 cm holds up to 2 kilograms, and these fasteners hold items weighing up to 5 kilograms.

Product Characteristic	Value
Stem Material	Polypropylene
Adhesive	Acrylic
Stem Density	250 stems per square inch
Standard dimensions	RFD7021 6 pairs (25 mm x 25 mm) black squares RFD7020 6 pairs (25 mm x 25 mm) clear squares RF67310 76SE: 4 (25 mm x 7,5cm) black strips RF67300 01SE : 4 (25 mm x 7,5cm) clear strips RF67610 76SE : 2 rolls (25 mm x 1 m) Black roll RF67600 01SE : 2 rolls (25 mm x 1 m) Clear roll RF67600 01-2530 : 2 rolls (25 mm x 3 m) clear roll

Typical Physical Properties	Value
Weight Claim	5 cm holds 2 kg *Up to 5 kg
Peel Adhesion (90°)	35 N/cm width
Dynamic Tensile Disengagement Force	300 kN/m ²
Dynamic Shear	150 kN//m ²
Engaged Thickness	0.61 cm
Closure Life	Lasts for up to 1000 closures
Surfaces	Painted and finished surfaces, acrylic painted concrete, metal
Operating Temperature Range	-34 to 93°C

Note: Technical information and data should be considered representative or typical only and should not be used for specification purposes.

Features/Advantages Benefits:

Feature (HAS)	Advantage (WHICH MEANS)	Benefit (SO THAT)
Acrylic Adhesive	Weather resistant	Resists lifting or curling from surface; indoor and outdoor use
	High adhesion performance	Holds up to 5 kg
Acrylic Adhesive	Good holding power	Works on many surfaces
	Reasonable plasticizer resistance	Works on many plastics
Polypropylene Stems 	Self - Mating	Only need one product for attaching
	Snap together	Audible indication of closure

Notes:

- Use 5 cm of fasteners for every two kilograms held; do not hold items weighing more than 5 kilograms.
- For optimal bond performance, apply when the surface temperature is between 20 and 38 °C
- This is a permanent tape and may cause damage if removed
- Do not use on wallpaper or other delicate surfaces
- Do not use in spaces where injury might occur if mounted object fell
- Works on most surfaces that are painted, varnished or sealed surfaces, including drywall, wood, or metal. Also great on acrylic, and bare metal.

Shelf Life:

Two years from date of manufacturer when stored in original packaging at 21°C and 50% relative humidity.

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