

# 3M Construction & Home Improvement Markets

## Product Information Sheet

September 2015

### Scotch® Strong Fasteners



#### General Description

Scotch® Outdoor 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. Each inch holds up to one pound, and these fasteners hold items weighing up to 5 pounds.

Product Characteristic	Value
Stem Material	Polypropylene
Adhesive	Acrylic
Stem Density	>62 stems per cm <sup>2</sup>
Standard Roll Length	RF5731/DC: 4 of (25 mm x 7,5cm) black strips RF5730/DC: 4 of (25 mm x 7,5cm) transparent strips RF5741-Long/DC: 2 of (25 mm x 1,20 m) black rolls RF5740-Long/DC: 2 of (25 mm x 1,20 m) transparent rolls

Typical Physical Properties	Value
Weight Claim	5 cm holds 1 kg *Up to 2,5 kg
Peel Adhesion (90°)	10.5 N/cm width
Dynamic Tensile Disengagement Force	289 kN/m <sup>2</sup>
Dynamic Shear	220 KN/m <sup>2</sup>
Engaged Thickness	0.23 cm
Closure Life	100 - 150 closures
Surfaces	Painted and finished surfaces, acrylic painted concrete, metal
Operating Temperature Range	(-28 to 70°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	High adhesion performance	Holds up to 2,5 kg
		Works in outdoor conditions
	Good holding power	Sticks to difficult surfaces
Polypropylene Stems	Self - Mating	Only need one product for attaching
	Snap together	

### Notes:

- Use 5 cm of fasteners for every one kilogram held; do not hold items weighing more than 2,5 kilograms.
- For optimal bond performance, apply when the surface temperature is between 20 and degrees 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.

### Contact Information:

For more information or help in selecting a 3M product for an application, please contact 3M HELPS at 1-800-3M HELPS (1-800-364-3577).

### Supersedes: New

**3M Construction and Home Improvement Markets Division**  
3M Center, Building 251-1C-09  
St. Paul, MN 55144-1000

**IMPORTANT NOTICE:** All statements, technical information and recommendations herein are based on tests 3M believes to be reliable. 3M does not warrant or guarantee the accuracy or completeness of this information. THE FOLLOWING IS MADE IN LIEU OF ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE: 3M's only obligation shall be to replace such quantity of this 3M product proved to be defective. User is responsible for determining whether this 3M product is fit for a particular purpose and suitable for user's method of application. Because there are many factors that can affect the use and performance of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate this product to determine whether it is fit for a particular purpose, is suitable for the user's method of application, and meets the user's performance specifications and expectations.

**Limitation of Liability:** 3M SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGES, WHETHER DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL (INCLUDING BUT NOT LIMITED TO LOST PROFITS, BUSINESS, OR REVENUES) ARISING OUT OF THE USE OF OR INABILITY TO USE THIS 3M PRODUCT, WARRANTY, OR STRICT LIABILITY. No statement or recommendation not contained herein shall have any force or effect unless contained in an agreement signed by a 3M officer.