



# Dual Lock™ Reclosable Fasteners SJ3540 Series

## Product Data Sheet

August 2016  
Supersedes: Date

### Product Description

3M™ Dual Lock™ Reclosable Fasteners SJ3540, SJ3541 and SJ3542 all contain a synthetic rubber based adhesive on the back of a black, polypropylene reclosable fastener. The fasteners consist of continuous strips of polyolefine with polyolefine stems having a mushroom shaped top.

### Key Features

- Stem densities of 170, 250, and 400 per square inch
- Designed to bond to many plastics and other low surface energy materials.

### Physical Properties

Type	SJ3540	SJ3541	SJ 3542
Adhesive Type	Synthetic rubber based adhesive		
Engaged Thickness acc. DIN EN 1942: 2008			
Stem Density	250 stems/in <sup>2</sup>	400 stems/in <sup>2</sup>	170 stems/in <sup>2</sup>
Release Liner	White polyester film liner		
Tape Colour	Black		

### Performance Characteristics

Type	SJ3540	SJ3541	SJ 3542
<b>90° Peel adhesion to Stainless Steel</b> acc. to ISO 29862:2007, 90° peel angle @ RT, after 72h @ RT dwell	25 N/cm	25 N/cm	
<b>90° Peel adhesion to Polypropylene</b> acc. to ISO 29862:2007, 90° peel angle @ RT, after 72h @ RT dwell	7 N/cm	7 N/cm	
<b>90° Peel adhesion to ABS</b> acc. to ISO 29862:2007, 90° peel angle @ RT, after 72h @ RT dwell	25 N/cm	25 N/cm	

Type	SJ3540	SJ3541	SJ 3542
<b>„T“ Peel (flexible to flexible)</b> acc. ISO 29862:2007	41 N/cm	41 N/cm	
<b>Dyn. Tensile Engagement Strength</b> acc. to ASTM D897 to Aluminium T-Block	214 kPa	474 kPa	
<b>Dyn. Tensile Disengagement Strength</b> acc. to ASTM D897 to Aluminium T-Block	313 kPa	415 kPa	
<b>Static tensile holding power</b> acc. to ASTM D897 to Aluminium T-Block			
<b>Dynamic Shear</b> acc. ISO 29863:2007 to stainless steel	147 kPa	277 kPa	
<b>Dynamic Shear – Elongation</b> acc. ISO 29863:2007 to stainless steel	159%	128%	
<b>Static Shear Strength Stainless Steel</b> ISO 29863:2007, after 72h @ RT dwell (Weight held for 10.000 minutes, 3.32cm <sup>2</sup> (0.5in <sup>2</sup> ))			
<b>Temperature Performance</b> Short term (minutes, hours): Long term (days, weeks):			

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### Storage & Shelf Life

Store at 16°C – 25°C and 40-65 % relative humidity in its original box. The product can be stored up to **12 months** after production.

**Note:** The shelf life may be shortened if the original packaging is not properly sealed or stored in an environment with high temperatures or humidity

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### Precautionary Information

Refer to product label and Material Safety Data Sheet for health and safety information before using the product.  
For information please contact your local 3M Office.  
[www.3M.com](http://www.3M.com)

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### For Additional Information

To request additional product information or to arrange for sales assistance, call.....  
Address correspondence to: 3M

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## Important Notice

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations

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