



Dual Lock™ Reclosable Fasteners SJ3540 Series

Product Data Sheet

September 2022
Supersedes: August 2016

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 ²	400 stems/in ²	170 stems/in ²
Release Liner	White polyester film liner		
Tape Colour	Black		

Performance Characteristics

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

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

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

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

For Additional Information

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

Automotive Disclaimer

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