



# Dual Lock™ Reclosable Fastener SJ3540

## Product Data Sheet

September 2022

Supersedes: January 2017

### Product Description

3M™ Dual Lock™ Reclosable Fastener SJ3540 contains a synthetic rubber based adhesive on the back of a black, polypropylene reclosable fastener with 250 mushroom shaped stems per square inch.

### Key Features

- Designed to bond to many plastics (e.g. PP, ABS)
- Stem density: 250 stems/in<sup>2</sup> = 40 stem/cm<sup>2</sup>
- Closure cycle life > 1 000
- Mushroom shaped stems snap in place to ensure fastener is engaged
- Good initial adhesion
- Quick and easy to install
- Durable

### Physical Properties

Type	SJ3540
Adhesive Type	Synthetic rubber based adhesive
Tape Colour	Black
Backing	Black polypropylene
Stems	Black polypropylene
Release Liner	3M branded filmic liner
Engaged Thickness acc. DIN EN 1942: 2008	5.4 mm

## Performance Characteristics

Type	SJ3540
<b>90 ° Peel adhesion to Stainless Steel</b> acc. to ISO 29862:2007, 90 ° peel angle @ RT, after 72h @ RT dwell	26 N/cm
<b>90 ° Peel adhesion to PP</b> acc. to ISO 29862:2007, 90 ° peel angle @ RT, after 72h @ RT dwell	11 N/cm
<b>90 ° Peel adhesion to ABS</b> acc. to ISO 29862:2007, 90 ° peel angle @ RT, after 72h @ RT dwell	26 N/cm
<b>90 ° Peel adhesion to Stainless Steel</b> acc. to ISO 29862:2007, 90 ° peel angle @ RT, after 72h @ RT dwell and after 10d @ 38 °C & 98 % rH	24 N/cm
<b>Dyn. Tensile Engagement Strength</b> acc. to ASTM D897-08, tested @ RT	113 N/in <sup>2</sup>
<b>Dyn. Tensile Disengagement Strength</b> acc. to ASTM D897-08, tested @ RT	231 N/in <sup>2</sup>
<b>Dyn. Tensile Disengagement Strength</b> acc. to ASTM D897-08, tested @ 70 °C	25 kPa
<b>Dynamic Shear – Max. Force</b> acc. ISO 29863:2007 to aluminium	69 kPa = N/cm <sup>2</sup>
<b>Dynamic Shear – Elongation</b> acc. ISO 29863:2007 to aluminium	44 %
<b>Static Shear Strength Stainless Steel</b> ISO 29863:2007, after 72h @ RT dwell (Holds minimum 77.5 g/cm <sup>2</sup> for 10.000 minutes)	23 °C – 1000 g
<b>„T“ Peel (flexible to flexible)</b> acc. ISO 29862:2007	58 N/cm

## Storage &amp; Shelf Life

Store at 16 °C – 25 °C and 40 – 65 % relative humidity in its original box. The product can be stored up to 18 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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**For Additional Information**

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

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### **3M Afrique Francophone**

Société à responsabilité limitée Au  
capital de 19.756.400 Dirhams Siège  
Social: ZF Ksar Almajaz  
Bureau 6 Plateforme  
Lot n°2 Immeuble 4 zénith Tanger  
R.C : 74327, I.F. : 18745050

### **3M Gulf Limited**

Ein El Mreisseh  
Saint Charles City Center, 4th Floor  
P.O.Box: 11-5025  
Riad el Solh  
Beirut 1107 2180  
Lebanon

### **3M Minnesota Mining and Manufacturing Nigeria Limited**

No 2 Sheraton Opebi Link Road  
Ikeja  
Lagos  
Nigeria

### **3M Arabia, LLC**

Building 24-25 3M Saudi Arabia  
Zone C, Business Gate  
Airport Road Riyadh  
Saudi Arabia

### **3M Gulf (Representation Office)**

Suhaim Bin Hamad St.  
Al Mana Towers  
Tower B, 2nd Floor, Office No.4  
Doha Qatar  
P.O.Box 14684

### **3M Pakistan**

Islamic Chamber of Commerce Building  
ST-2/A, Block 9, KDA Scheme 5,  
Clifton, Karachi  
Pakistan

### **3M Egypt**

Finance Center, New Cairo  
Plot 140, Banking Sector 5th  
settlement  
Cairo  
Egypt

### **3M Kenya Ltd**

Victoria Towers, 3rd Floor  
Kilimanjaro Av, Upperhill  
Kenya

### **3M South Africa and Sub-Saharan Africa**

146A Kelvin Drive  
Woodmead  
Sandton  
South Africa

### **3M Gulf Limited**

Dubai Internet City  
Building No. 11, 3rd Floor  
U.A.E

### **3M Maroc**

Société à responsabilité limitée  
Au capital de 18.000.000 de Dirhams  
Siège Social: 33,  
lot la colline II Sidi Maarouf -  
Casablanca  
R.C:78517, I.F.: 1084514  
Morocco