

# tesa® 68542

50µm double sided transparent filmic tape

PRODUCT INFORMATION

### **Product Description**

tesa® 68542 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 68542 features esp.

- Thickness: 50µm
- High adhesion level
- High resistance to demanding environmental conditions
- Good handling performance in converting processes

### **Main Application**

tesa® 68542 is used for general mounting and laminating applications especially in the electronics industry.

#### **Technical Data**

Backing material	PET film	Type of adhesive	tackified acrylic
Colour	transparent	Elongation at break	50 %
Total thickness	50 μm	Tensile strength	20 N/cm

#### Adhesion to

Steel (initial)	5.0 N/cm	Steel (after 14 days)	7.2 N/cm
ABS (initial)	5.0 N/cm	<ul><li>ABS (after 14 days)</li></ul>	6.1 N/cm
<ul><li>Aluminium (initial)</li></ul>	5.0 N/cm	<ul><li>Aluminium (after 14 days)</li></ul>	6.0 N/cm
PC (initial)	5.3 N/cm	PC (after 14 days)	6.6 N/cm
PE (initial)	2.0 N/cm	PE (after 14 days)	2.8 N/cm
■ PET (initial)	5.2 N/cm	PET (after 14 days)	5.8 N/cm
PP (initial)	2.0 N/cm	PP (after 14 days)	5.3 N/cm
PVC (initial)	5.2 N/cm	PVC (after 14 days)	7.9 N/cm

### **Properties**

Temperature resistance short term	200 °C	<ul><li>Humidity resistance</li></ul>	++
Temperature resistance long term	100 °C	Softener resistance	++
Tack	+	Static shear resistance at 23°C	0
<ul> <li>Ageing resistance (UV)</li> </ul>	++		

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

### **Additional Info**

PV20 brown/blue logo glassine paper (71µm; 82g/m²)

For latest information on this product please visit http://l.tesa.com/?ip=68542

Page 1 of 1 / As of 07/04/14

### tesa SE

## Quickbornstraße 24 20253 Hamburg

http://www.tesa.com

5825 Carnegie Boulevard Charlotte, N.C. 28209 United States of America | United States of America | Germany | Phone: +49 (40) 4909 101 | Phone: +1 (704) 554 0707 | Tel: +65 6697 9888 | Fax: +1 (704) 553 5634 | Fax: +65 6659 6390 | Http://www.tesa-asia http://www.tesatape.com http://www.tesa-asia.com

tesa tape inc.

### tesa tape Asia Pacific Pte. Ltd.

9 North Buona Vista Drive #04-01 The Metropolis Tower 1

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to advise you.