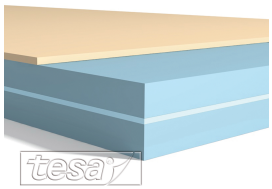
tesa® 68552

Product Information



50µm double sided transparent conformable filmic tape

Product Description

tesa® 68552 is a transparent, doublesided self-adhesive tape consisting of a thin, conformable PET film backing and a tackified acrylic adhesive.

tesa® 68552 features esp.

- Thickness: 50 µm
- High adhesion level
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

Application Fields

- Mounting of metal or plastic badges and signs
- Fixing of reflection foil to LCD frame
- Splicing of thin plastic films

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

Backing material	PET film
Type of adhesive	tackified acrylic, acrylic, advanced acrylic, modified acrylic
Total thickness	50 µm
Color	transparent, optically clear

Properties/Performance Values

Elongation at break	50 %
Tensile strength	7 N/cm
Ageing resistance (UV)	very good
Chemical resistance	very good
Humidity resistance	very good
Static shear resistance at 23°C	good
Static shear resistance at 40°C	medium, good
Tack	medium, good
Temperature resistance long term	100 °C
Temperature resistance short term	200 °C

For latest information on this product please visit http://l.tesa.com/?ip=68552

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Product Information

Adhesion to Values

- ABS (initial) 6.1 N/cm
- ABS (after 14 days) 7.3 N/cm
- Aluminium (initial) 5.7 N/cm
- Aluminium (after 14 days) 7.4 N/cm
- PC (initial) 7.4 N/cm
- PC (after 14 days) 8.9 N/cm
- PE (initial) 3.2 N/cm
- PE (after 14 days) 4.2 N/cm
- PET (initial) 6.1 N/cm
- PET (after 14 days) 6.5 N/cm
- PP (initial) 3 N/cm
- PP (after 14 days) 4.5 N/cm
- PS (initial) 6 N/cm
- PS (after 14 days) 7.7 N/cm
- PVC (initial) 6.3 N/cm
- PVC (after 14 days) 10 N/cm
- Steel (initial) 7 N/cm
- Steel (after 14 days) 8.6 N/cm

Additional Information

Liner variants:
PV40 white/red logo glassine paper (71µm; 82g/m^2)

Disclaimer

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 support you.

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