

Product Information

100µm optically clear transfer tape

tesa® 69404 is a highly transparent transfer tape produced under controlled clean room conditions and designed for optically clear lamination.

Special features:

- High transmission and low haze
- Excellent temperature, humidity and UV resistance
- Excellent whitening resistance
- Excellent ITO compatibility (acid free)
- Very good bubble stability (outgassing of plastic substrates)
- High bonding strength
- Balanced lamination (gap filling) and converting performance
- Smooth and easy liner removal

Main Application

- Optically clear lamination of films to rigid or flexible substrates especially in capacitive type touch panels
- Bonding of touch panels to protective cover or lens
- Lamination of optical films, e.g. display protection and anti-splinter 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.

Technical Data

• Total thickness	100 µm 3.9 mils	• Haze	0.5 %
• Type of adhesive	pure acrylic	• Refractive index	1.48
• Transmittance (380 - 780nm) >	99 %		

Adhesion to

• Steel (initial)	7.7 N/cm 70.3 oz/in	• Steel (after 14 days)	10.1 N/cm 92.3 oz/in
• Glass (initial)	8.0 N/cm 73.1 oz/in	• Glass (after 14 days)	9.6 N/cm 87.7 oz/in
• PC (initial)	8.9 N/cm 81.3 oz/in	• PC (after 14 days)	9.8 N/cm 89.5 oz/in
• PMMA (initial)	9.2 N/cm 84.1 oz/in	• PMMA (after 14 days)	10.9 N/cm 99.6 oz/in

Properties

• Tack	●●●	• Humidity resistance	●●●●
• Ageing resistance (UV)	●●●●		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

- 50µm easy release PET liner (outside of the roll)

For latest information on this product please visit
<http://l.tesa.com/?ip=69504>

tesa® 69504

Product Information



Additional Information

- PV0: 50µm tight release PET liner
- PV1: 125µm tight release PET liner

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.



For latest information on this product please visit
<http://l.tesa.com/?ip=69504>