

Product Information

125µm optically clear transfer tape

tesa® 69405 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

• Backing material	none	• Color of liner	transparent
• Color	transparent	• Thickness of easy release liner	50 µm
• Total thickness	125 µm 4.9 mils	• Transmittance (380 - 780nm) >	99 %
• Type of adhesive	pure acrylic	• Haze	0.5 %
• Type of liner	PET	• Refractive index	1.48

Adhesion to

• Glass (initial)	7.8 N/cm 71.3 oz/in	• PET (initial)	5.4 N/cm 49.3 oz/in
• PC (initial)	7.7 N/cm 70.3 oz/in	• PMMA (initial)	6.4 N/cm 58.5 oz/in

Additional Information

- 50µm easy release PET liner (outside of the roll)
- PV0: 50µm tight release PET liner
- PV1: 125µm tight release PET liner

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Disclaimer

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For latest information on this product please visit
<http://l.tesa.com/?ip=69405>