

## Product Information

### 50µm optically clear transfer tape

tesa® 69402 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 flexible 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	• Thickness of easy release liner	50 µm
• Color	transparent		2 mils
• Total thickness	50 µm	• Thickness of tight release liner	50 µm
	2 mils		2 mils
• Type of adhesive	pure acrylic	• Transmittance (380 - 780nm) >	99 %
• Type of liner	PET	• Haze	0.5 %
• Color of liner	transparent	• Refractive index	1.48

#### Adhesion to

• Glass (initial)	6.3 N/cm	• PET (initial)	4.3 N/cm
	57.6 oz/in		39.3 oz/in
• PC (initial)	6.4 N/cm	• PMMA (initial)	6.0 N/cm
	58.5 oz/in		54.8 oz/in

#### Additional Information

- 50µm easy release PET liner (outside of the roll)
- 50µm 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=69402>