

tesa® 69404 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 Data

▪ Backing material	none	▪ Colour of liner	transparent
▪ Color	transparent	▪ Thickness of liner (easy release)	50 µm
▪ Total thickness	100 µm	▪ Transmittance (380 - 780nm) >	99 %
▪ Type of adhesive	pure acrylic	▪ Haze <	0.5 %
▪ Type of liner	PET	▪ Refractive index	1.48

Adhesion to

▪ Glass (initial)	6.9 N/cm	▪ PET (initial)	4.8 N/cm
▪ PC (initial)	7.0 N/cm	▪ PMMA (initial)	6.2 N/cm

Additional Information

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

For latest information on this product please visit <http://l.tesa.com/?ip=69404>

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