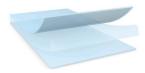




Product Information



100µm optically clear transfer tape

Product Description

tesa® 69304 is a highly transparent transfer tape produced under controlled clean room conditions and designed for optical clear lamination. It is a UV-curable tape which can be cured under UVA and UVV (<410nm) wavelength.

Product Features

- Very good ink step coverage
- Highest bonding strength (peel, tensile, shock)
- Excellent reliability & bubble suppression
- Can be cured through plastic and polarizers

Application Fields

- Optically clear lamination of displays to cover glass
- Optically clear lamination of plastics
- Suitable for thinnest design gaps

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 materialType of adhesiveType of linerColour	none acrylic PET transparent	 Colour of liner Thickness of liner (easy release) Thickness of liner (tight release) Thickness of tape 100 μm
Properties/Performance Values		
 Ageing resistance (UV) Dielectric constant Gap filling Haze Humidity resistance 	very good 5.74 40 % 0.5 % very good	 Refractive index Release of liner - inside Release of liner - outside Transmittance (380 - 780nm) > WVTR (38°C, 90%RH)
Adhesion to Values		
Glass (initial)Glass (after UV curing)PC (after UV curing)	8 N/cm 11.8 N/cm 14.1 N/cm	 PET (after UV curing) PMMA (after UV curing) Polarizer (after UV curing) 8.5 N/cm





Product Information

Additional Information

- Recommended curing dosage: 3000mJ per cm² (UVA 365nm) on adhesive surface.
- Also possible to cure with 405nm LED.

Disclaimer

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