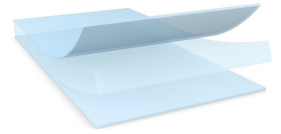


tesa® 69302

Optically Clear Adhesive



Product Information

50µm UV-curable optically clear tape

Product Description

tesa® 69302 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	none	• Color of liner	transparent
• Type of adhesive	acrylic	• Thickness of easy release liner	50 µm
• Type of liner	PET	• Thickness of tape	50 µm
• Color	transparent	• Thickness of tight release liner	75 µm

Properties/Performance Values

• Ageing resistance (UV)	very good	• Refractive index	1.47
• Dielectric constant	5.74	• Release of liner - inside	easy
• Gap filling	40 %	• Release of liner - outside	tight
• Haze	0.5 %	• Transmittance (380 - 780nm) >	99 %
• Humidity resistance	very good	• WVTR (38°C, 90%RH)	1420 g/sqm*d

Adhesion to Values

• Glass (initial)	3 N/cm	• PET (after UV curing)	4.8 N/cm
• Glass (after UV curing)	10.8 N/cm	• PMMA (after UV curing)	6.8 N/cm
• PC (after UV curing)	12.4 N/cm	• Polarizer (after UV curing)	7.7 N/cm

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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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For latest information on this product please visit <http://l.tesa.com/?ip=69302>