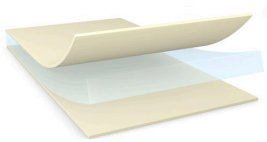
tesa® 69301

Product Information



25µm UV-curable optically clear tape

Product Description

tesa® 69301 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	transparent
Type of liner	PET	Color of liner	transparent

Properties/Performance Values

Dielectric constant	5.74	Refractive index	1.47
Gap filling	40 %	Release of liner - inside	easy
Haze	0.5 %	Release of liner - outside	tight
Humidity resistance	very good	Transmittance (380 - 780nm) >	99 %

Adhesion to Values

Glass (initial)	3 N/cm	PET (after UV curing)	4.4 N/cm
Glass (after UV curing)	9.4 N/cm	PMMA (after UV curing)	6.6 N/cm
PC (after UV curing)	11.6 N/cm	Polarizer (after UV curing)	7 N/cm

Additional Information

- Recommended curing dosage: 3000mJ per cm^2 (UVA 365nm) on adhesive surface.
- Also possible to cure with 405nm LED.

For latest information on this product please visit http://l.tesa.com/?ip=69301

tesa® 69301

Product Information

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

For latest information on this product please visit http://l.tesa.com/?ip=69301