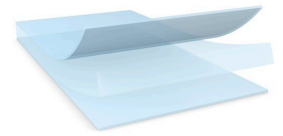




tesa[®] 69901

Optically Clear Adhesive



Product Information

25 µm UV-curable optically clear tape for curved design

Product Description

tesa[®] 69901 is a highly transparent transfer tape produced under controlled clean room conditions and designed for optically clear lamination for rigid or flexible substrates with curved designs. It is post UV curable tape which could be cured under UVA and UVV (<410nm) wavelength.

Product Features

- High transmittance and low haze
- Excellent temperature, humidity and UV-resistance
- Low UV curing dosage
- Excellent edge bubble suppression

Application Fields

- Optically clear lamination of curved cover designs
- Optically clear lamination of plastic cover

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 film | • Thickness of tape | 25 µm |
| • Color | transparent | • Thickness of tight release liner | 75 µm |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|---------------------------------|------|
| • Ageing resistance (UV) | very good | • Refractive index | 1.48 |
| • Haze | 0.1 % | • Tack | low |
| • Humidity resistance | very good | • Transmittance (380 - 780nm) > | 99 % |

Adhesion to Values

- | | | | |
|---------------------------|----------|-------------------------|----------|
| • Glass (initial) | 8.5 N/cm | • PC (after UV curing) | 9 N/cm |
| • Glass (after UV curing) | 7.4 N/cm | • PET (initial) | 4.7 N/cm |
| • PC (initial) | 8.6 N/cm | • PET (after UV curing) | 4.5 N/cm |

Additional Information

UV curing dosage suggestion

For latest information on this product please visit <http://l.tesa.com/?ip=69901>



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Additional Information

- Above 1000mj per sq.cm (UVA 365nm) dosage on adhesive surface

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=69901>