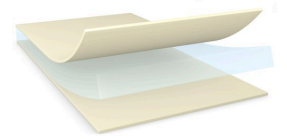




tesa[®] 69604

Optically Clear Adhesive



Product Information

100µm UV-curable optically clear transfer tape

Product Description

tesa[®] 69604 is a highly transparent UV-curable transfer tape produced under controlled clean room conditions and designed for optically clear lamination.

Product Features

- High transmittance and low haze
- Good gap filling performance
- Excellent temperature, humidity and UV resistance* Excellent ITO stability (acid free)
- Excellent suppression of delay bubbles even in harsh environments
- High bonding strength
- Smooth and easy liner removal

Application Fields

- Optically clear lamination between rigid/rigid or flex/rigid substrates
- Bonding of displays with high ink steps to cover glass or touch panel

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 | 100 µm |
| • Color | transparent | • Thickness of tight release liner | 75 µm |

Properties/Performance Values

- | | | | |
|--------------------------|-------|---------------------------------|------|
| • Ageing resistance (UV) | good | • Refractive index | 1.48 |
| • Haze | 0.2 % | • Tack | good |
| • Humidity resistance | good | • Transmittance (380 - 780nm) > | 99 % |

Adhesion to Values

- | | | | |
|---------------------------|-----------|-------------------------|----------|
| • Glass (initial) | 10.5 N/cm | • PC (after UV curing) | 10 N/cm |
| • Glass (after UV curing) | 11.1 N/cm | • PET (initial) | 8.6 N/cm |
| • PC (initial) | 9.8 N/cm | • PET (after UV curing) | 7.9 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=69604>



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Additional Information

50µm easy release PET liner (outside of the roll)

Peel adhesion values are measured with 50µm PET film (refer to Technical Information)

Disclaimer

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