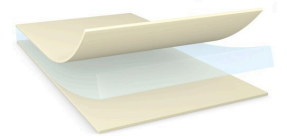




# tesa<sup>®</sup> 69604

## Optically Clear Adhesive



### Product Information

100µm UV-curable optically clear transfer tape

### Product Description

tesa<sup>®</sup> 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 material | none        | • Colour of liner                    | transparent |
| • Type of adhesive | acrylic     | • Thickness of liner (easy release)  | 50 µm       |
| • Type of liner    | PET film    | • Thickness of liner (tight release) | 75 µm       |
| • Colour           | transparent | • Thickness of tape                  | 100 µm      |

### Properties/Performance Values

- |                          |       |                                 |              |
|--------------------------|-------|---------------------------------|--------------|
| • Ageing resistance (UV) | good  | • Refractive index              | 1.48         |
| • Haze <                 | 0.2 % | • Tack                          | good, medium |
| • 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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### Product Information

#### 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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