



tesa[®] 69806

Optically Clear Adhesive

Product Information

150µm outgassing resistant optically clear adhesive

Product Description

tesa[®] 69806 is a highly transparent transfer tape produced under controlled clean room conditions and designed for optically clear lamination with post UV curable design.

Product Features

- Excellent suppression of bubbles even in harsh environments
- Superb gap filling performance
- Good temperature, humidity and UV resistance
- Very high bonding strength
- Smooth and easy liner removal
- High transmittance and low haze

Application Fields

- Designed for optically clear lamination of plastic substrates
- Lamination of films to rigid substrates or lamination of two rigid substrates
- Bonding of displays to cover glass or touch panel
- Automotive electronic displays using PC, PMMA

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 | 150 µm |
| • Color | transparent | • Thickness of tight release liner | 100 µm |

Properties/Performance Values

- | | | | |
|--------------------------|-------|---------------------------------|------|
| • Ageing resistance (UV) | good | • Refractive index | 1.48 |
| • Haze | 0.3 % | • Tack | good |
| • Humidity resistance | good | • Transmittance (380 - 780nm) > | 99 % |



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Adhesion to Values

• Glass (initial)	11.9 N/cm	• PET (initial)	8.4 N/cm
• Glass (after UV curing)	12 N/cm	• PET (after UV curing)	8.1 N/cm
• PC (initial)	12.3 N/cm	• PMMA (initial)	11.5 N/cm
• PC (after UV curing)	10.3 N/cm	• PMMA (after UV curing)	9.3 N/cm

Additional Information

Please refer to our UV curing technical bulletin for best results

Disclaimer

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