



# tesa<sup>®</sup> 69806

## Optically Clear Adhesive

### Product Information

150µm outgassing resistant optically clear adhesive

### Product Description

tesa<sup>®</sup> 69806 is a UV curable optically clear display tape designed for lamination of plastic substrates.

Special features:

- \* Excellent suppression of bubbles even in harsh environments
- \* Superb gap filling performance
- \* Excellent temperature, humidity and UV resistance
- \* Very high bonding strength
- \* Smooth and easy liner removal
- \* High transmittance and low haze
- \* Produced under clean room environment

### 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

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



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#### 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 %

#### 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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For latest information on this product please visit <http://l.tesa.com/?ip=69806>