



tesa[®] 69804

Optically Clear Adhesive

Product Information

100µm outgassing resistant optically clear adhesive

Product Description

tesa[®] 69804 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	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)	9.5 N/cm	• PET (initial)	7.9 N/cm
• Glass (after UV curing)	10.2 N/cm	• PET (after UV curing)	7.6 N/cm
• PC (initial)	11.2 N/cm	• PMMA (initial)	11.8 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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