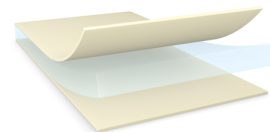




tesa 69808

Product Information



200µm outgassing resistant optically clear adhesive

Product Description

tesa® 69808 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

Application Fields

- Special solution 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

- | | | | |
|--------------------------------------|-------------|--------------------|-------------|
| • Thickness of tape | 200 µm | • Color | transparent |
| • Thickness of liner (easy release) | 50 µm | • Backing material | none |
| • Thickness of liner (tight release) | 100 µm | • Type of adhesive | acrylic |
| • Colour of liner | transparent | • Type of liner | PET film |

Properties/Performance Values

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

For latest information on this product please visit
<http://l.tesa.com/?ip=69808>



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Product Information

Adhesion to Values

| | | | |
|----------------------------|-----------|---------------------------|-----------|
| • Glass (after UV curing) | 12.8 N/cm | • PC (after UV curing) | 11.3 N/cm |
| • Glass (before UV curing) | 12.4 N/cm | • PC (before UV curing) | 7 N/cm |
| • PET (after UV curing) | 8.5 N/cm | • PET (before UV curing) | 8.4 N/cm |
| • PMMA (after UV curing) | 10.8 N/cm | • PMMA (before UV curing) | 10.7 N/cm |

Additional Information

- Please refer to our UV curing technical bulletin for best results

Disclaimer

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