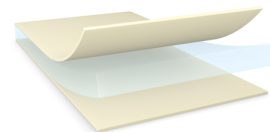




# tesa® 69808

## Product Information



200µm/7.9 mil 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<br>7.9 mils | • Color            | transparent |
| • Thickness of easy release liner  | 50 µm<br>2 mils    | • Backing material | none        |
| • Thickness of tight release liner | 100 µm<br>3.9 mils | • Type of adhesive | acrylic     |
| • Color 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 116.9 oz/in	• PC (after UV curing)	11.3 N/cm 103.2 oz/in
• Glass (before UV curing)	12.4 N/cm 113.3 oz/in	• PC (before UV curing)	7 N/cm 64 oz/in
• PET (after UV curing)	8.5 N/cm 77.7 oz/in	• PET (before UV curing)	8.4 N/cm 76.7 oz/in
• PMMA (after UV curing)	10.8 N/cm 98.7 oz/in	• PMMA (before UV curing)	10.7 N/cm 97.8 oz/in

### Additional Information

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

### Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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