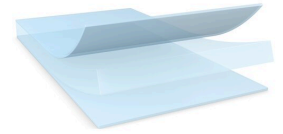


tesa® 69802

Product Information



50µm outgassing resistant optically clear adhesive

Product Description

tesa® 69802 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 material | none | • Colour of liner | transparent |
| • Type of adhesive | pure acrylic | • Thickness of liner (easy release) | 50 µm |
| • Type of liner | PET | • Thickness of liner (tight release) | 75 µm |
| • Colour | transparent | • Thickness of tape | 50 µm |

Properties/Performance Values

- | | | | |
|--------------------------|-------|---------------------------------|------|
| • Ageing resistance (UV) | good | • Refractive index | 1.48 |
| • Haze < | 0.2 % | • Tack | good |
| • Humidity resistance | good | • Transmittance (380 - 780nm) > | 99 % |

tesa[®] 69802

Product Information

Adhesion to Values

• Glass (initial)	7.5 N/cm	• PET (initial)	6.1 N/cm
• Glass (after UV curing)	8.5 N/cm	• PET (after UV curing)	6.7 N/cm
• PC (initial)	7.8 N/cm	• PMMA (initial)	7.5 N/cm
• PC (after UV curing)	8.7 N/cm	• PMMA (after UV curing)	7.7 N/cm

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.



For latest information on this product please visit <http://l.tesa.com/?ip=69802>