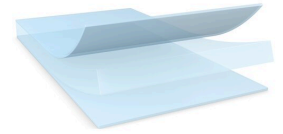




# tesa<sup>®</sup> 5812

## Product Information



300µm pressure sensitive optically clear tape with outgassing resistant feature

### Product Description

tesa<sup>®</sup> 5812 is a highly transparent transfer tape produced for optically clear lamination on rigid or flexible substrates. It is pressure sensitive design with good outgassing resistance and excellent reliability performance, suitable for both glass and plastic lamination within display.

### Product Features

- High transmittance and low haze
- Pressure sensitive adhesive
- Excellent temperature, humidity and UV-resistance
- Good outgassing resistance to PC PMMA substrates
- Easy handling

### Application Fields

- Optically clear lamination for glass or plastic cover and touch panel
- Optically clear lamination for glass or plastic cover and display panel

### 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

- |                    |             |                                      |             |
|--------------------|-------------|--------------------------------------|-------------|
| • Type of liner    | PET film    | • Colour of liner                    | transparent |
| • Backing material | none        | • Thickness of liner (easy release)  | 75 µm       |
| • Type of adhesive | acrylic     | • Thickness of liner (tight release) | 100 µm      |
| • Color            | transparent | • Thickness of tape                  | 300 µm      |

### Properties/Performance Values

- |                          |           |                                 |        |
|--------------------------|-----------|---------------------------------|--------|
| • Ageing resistance (UV) | very good | • Refractive index              | 1.47   |
| • Haze <                 | 0.2 %     | • Tack                          | medium |
| • Humidity resistance    | very good | • Transmittance (380 - 780nm) > | 99 %   |

### Adhesion to Values

- |                   |          |                  |          |
|-------------------|----------|------------------|----------|
| • Glass (initial) | 8.7 N/cm | • PMMA (initial) | 8.1 N/cm |
| • PC (initial)    | 8.2 N/cm |                  |          |



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Product Information

## Additional Information

Easy liner outside in logroll

## Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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=05812>