



# tesa<sup>®</sup> 5812

## Optically Clear Adhesive



### 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

- |                    |             |                                    |             |
|--------------------|-------------|------------------------------------|-------------|
| • Backing          | none        | • Color of liner                   | transparent |
| • Type of adhesive | acrylic     | • Thickness of easy release liner  | 75 µm       |
| • Type of liner    | PET film    | • Thickness of tape                | 300 µm      |
| • Color            | transparent | • Thickness of tight release liner | 100 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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### Additional Information

Easy liner outside in logroll

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=05812>