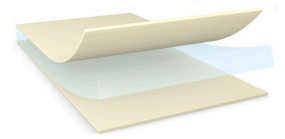




tesa[®] 69812

Optically Clear Adhesive



Product Information

300µm UV-curable outgassing resistant optically clear adhesive tape

Product Description

tesa[®] 69812 is a highly transparent UV-curable transfer tape produced under controlled clean room conditions and designed for optically clear lamination of plastic substrates.

Special features:

- Excellent outgassing resistance to avoid bubble formation
- Superb gap filling performance
- Good temperature, humidity and UV resistance

Application Fields

- Optically clear lamination of films or glass to plastic substrates
- Other optical lamination with high tolerance coverage demand

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 | transparent |
| • Type of adhesive | pure acrylic | • Thickness of easy release liner | 75 µm |
| • Type of liner | PET film | • Thickness of tight release liner | 125 µm |
| • Total thickness | 300 µm | | |

Properties/Performance Values

- | | | | |
|--------------------------|-------|---------------------------------|-----------|
| • Ageing resistance (UV) | good | • Refractive index | 1.48 |
| • Haze | 0.4 % | • Tack | very good |
| • Humidity resistance | good | • Transmittance (380 - 780nm) > | 99 % |

Adhesion to Values

- | | | | |
|---------------------------|-----------|--------------------------|-----------|
| • Glass (after UV curing) | 13.9 N/cm | • PET (after UV curing) | 8.6 N/cm |
| • PC (after UV curing) | 14.4 N/cm | • PMMA (after UV curing) | 13.1 N/cm |

Additional Information

- UV curing dosage: above 5000 mJ per square centimeter (measured on OCA surface, UVA 320-380nm)
- 75µm easy release PET liner outside of the roll

For latest information on this product please visit <http://l.tesa.com/?ip=69812>



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Disclaimer

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