



tesa[®] 69612

Optically Clear Adhesive



Product Information

300µm UV-curable optically clear adhesive tape

Product Description

tesa[®] 69612 is a highly transparent UV-curable transfer tape produced under controlled clean room conditions and designed for optically clear lamination of rigid and flexible substrates.

Special features:

- Good gap filling performance
- Excellent suppression of delay bubbles even in harsh environments
- Excellent whitening resistance
- High bonding strength

Application Fields

- Optically clear lamination of two rigid substrates especially in various types of capacitive touch panel designs
- Bonding of displays to cover lens
- 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)	very good	• Refractive index	1.48
• Haze	0.4 %	• Tack	good
• Humidity resistance	good	• Transmittance (380 - 780nm) >	99 %

Adhesion to Values

• Glass (after UV curing)	15.9 N/cm	• PET (after UV curing)	10.4 N/cm
• PC (after UV curing)	13.1 N/cm	• PMMA (after UV curing)	13.7 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=69612>



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