



tesa[®] 61562

Product Information

25µm transfer transparent barrier tape

Product Description

tesa[®] 61562 is a transparent, thin transfer tape that ensures good encapsulation for oxygen and especially water vapour sensitive devices. This is realized by the specialty pressure sensitive adhesive (PSA). This special adhesive ensures very good device stability even at high temperature.

tesa[®] 61562 does not require curing and therefore enables fast processing. Consequently it does not exhibit cure shrinkage and thus provides permanent adhesion between different device layers and good encapsulation for sensitive parts. The product enables the design of flexible devices.

tesa[®] 61562 features especially:

- High barrier against oxygen and water vapor
- High temperature stability
- Bubble-free performance at demanding test conditions

on rigid and flexible barrier substrates

Product Features

- Low WVTR provides moisture control
- Low dielectric constant
- High transmission and low haze
- Excellent temperature, humidity and UV resistance
- Excellent ITO compatibility
- Smooth and easy liner removal
- High bonding strength

Application Fields

Encapsulation of sensitive organic and printed electronic devices

Suitable for designs which are exposed to high temperature and humidity

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	specialty	• Color of liner	transparent
• Type of liner	PET	• Thickness of easy release liner	50 µm
• Total thickness	25 µm	• Thickness of tight release liner	50 µm

For latest information on this product please visit <http://l.tesa.com/?ip=61562>



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Product Information

Properties/Performance Values

- | | | | |
|--------------------|-------|---------------------------------|------------|
| • Haze | 0.5 % | • Transmittance (380 - 780nm) > | 99 % |
| • Refractive index | 1.52 | • WVTR (38°C, 90%RH) | 35 g/sqm*d |

Adhesion to Values

- | | | | |
|-------------------|----------|------------------|----------|
| • Glass (initial) | 4.5 N/cm | • PET (initial) | 2.9 N/cm |
| • PC (initial) | 4.1 N/cm | • PMMA (initial) | 4.4 N/cm |

Additional Information

- Easy release liner outside of roll

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.



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