

# tesa® 61305

# **Product Information**



## 50µm double sided transparent high performance filmic tape

# **Product Description**

tesa® 61305 is a double sided self-adhesive tape consisting of a transparent PET backing and a tackified acrylic adhesive.

#### **Product Features**

- Thickness: 50μm
- · Very high bonding strength
- · Superior push out resistance
- · Quick bonding performance
- · Excellent resistance to demanding environmental conditions

#### **Application Fields**

- Demanding mounting applications
- · Components mounting

#### 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          | PET film          | • | Color              | transparent          |
|---|------------------|-------------------|---|--------------------|----------------------|
| • | Type of adhesive | tackified acrylic | • | Color of liner     | white with tesa logo |
| • | Type of liner    | glassine          | • | Thickness of liner | 71 μm                |
| • | Total thickness  | 50 μm             | • | Weight of liner    | 80 g/m <sup>2</sup>  |
|   |                  |                   |   |                    |                      |

# **Properties/Performance Values**

|   | Elongation at break<br>Tensile strength | 60 %<br>8.7 N/cm |   | Static shear resistance at 40°C<br>Tack | good<br>medium |
|---|---|------------------|---|---|----------------|
|   | Ageing resistance (UV)                  | very good        | • | Temperature resistance long             | 100 °C         |
| • | Humidity resistance                     | very good        |   | term                                    |                |
|   |   |                  | • | Temperature resistance short            | 200°C          |
|   |   |                  |   | term                                    |                |

#### Adhesion to Values

| • | ABS (initial)         | 8 N/cm    | • | PMMA (initial)        | 11.5 N/cm |
|---|-----------------------|-----------|---|-----------------------|-----------|
| • | ABS (after 14 days)   | 8.5 N/cm  | • | PMMA (after 14 days)  | 12 N/cm   |
| • | Glass (initial)       | 12.4 N/cm | • | Steel (initial)       | 10.3 N/cm |
| • | Glass (after 14 days) | 12.7 N/cm | • | Steel (after 14 days) | 12.9 N/cm |



tesa® 61305

**Product Information** 

### 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.

