



tesa[®] 62573

Product Information

50µm double sided transparent differential filmic tape

Product Description

tesa[®] 62573 is a transparent, double-sided self-adhesive tape consisting of a PET backing with a special removable adhesive on one side and a tackified acrylic adhesive on the other side.

tesa[®] 62573 features:

- * Thickness: 50µm
- * Low adhesion level on the open side, high adhesion level on the covered side
- * Excellent resistance to demanding environmental conditions
- * Very good handling performance in converting processes
- * Double-sided PET liner (36µm easy-release inside / 50µm tight-release outside)
- * Double-sided different color PET liner version PV55 available (transparent on low adhesion side / blue on high adhesion side)

Product Features

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- Low adhesion level on the open side, high adhesion level on the covered side
- Excellent resistance to demanding environmental conditions
- Very good handling performance in converting processes
- Double-sided PET liner (36µm easy-release inside / 50µm tight-release outside)

Application Fields

- Mounting of two different substrates, where one is easy to adhere and the other one is difficult to adhere
- * Mounting of protection films that will be removed after transportation or storage



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Product Information

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 - inside | transparent |
| • Type of liner | PET film | • Type of liner - inside | PET |
| • Total thickness | 50 µm | • Type of liner - outside | PET |

Properties/Performance Values

| | | | |
|--------------------------|-----------|-------------------------------------|--------|
| • Elongation at break | 50 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 20 N/cm | • Static shear resistance at 40°C | medium |
| • Ageing resistance (UV) | very good | • Tack | medium |
| • Chemical Resistance | very good | • Temperature resistance long term | 100 °C |
| • Humidity resistance | very good | • Temperature resistance short term | 200 °C |

Adhesion to Values

| | | | |
|-------------------------------------|----------|---------------------------------------|----------|
| • ABS (initial) | 1.7 N/cm | • PC (covered side, after 14 days) | 9.5 N/cm |
| • ABS (after 14 days) | 1.9 N/cm | • PC (covered side, initial) | 8.3 N/cm |
| • ABS (covered side, after 14 days) | 7.8 N/cm | • Steel (initial) | 1.4 N/cm |
| • ABS (covered side, initial) | 6.8 N/cm | • Steel (after 14 days) | 1.5 N/cm |
| • PC (initial) | 1.7 N/cm | • Steel (covered side, after 14 days) | 8.6 N/cm |
| • PC (after 14 days) | 1.7 N/cm | • Steel (covered side, initial) | 7 N/cm |



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