tesa® 68505

Product Information

50µm double-sided transparent filmic tape

Product Description

tesa® 68505 is a transparent, double-sided self-adhesive tape consisting of a PET backing, a tackified acrylic adhesive and double PET liner.
Due to the very smooth and excellent appearance it is the perfect solution for display applications.

Product Features

- Thickness: 50µm
- High adhesion level
- Very smooth appearance
- High resistance to demanding environmental conditions
- Good handling performance in converting processes
- Double PET liner (36µm easy-release inside / 50µm tight-release outside)

Application Fields

tesa® 68505 is used for mounting and laminating applications especially for display applications like:

- Force touch film bonding
- FPC and PCB mounting
- LED light bar fixation
- Reflector and optical sheet fixation

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 of liner - outside	transparent
Type of adhesive	tackified acrylic	Thickness of liner - inside	36 µm
Total thickness	50 µm	Thickness of liner - outside	50 µm
Color	transparent	Type of liner - inside	PET
Color of liner - inside	transparent	Type of liner - outside	PET

For latest information on this product please visit http://l.tesa.com/?ip=68505

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Product Information

Properties/Performance Values

- Elongation at break 50 %
- Ageing resistance (UV) very good
- Humidity resistance very good
- Softener resistance very good
- Static shear resistance at 23°C medium
- Tack good, medium
- Temperature resistance long term 100 °C
- Temperature resistance short term 200 °C

Adhesion to Values

- PC (initial) 6.1 N/cm
- PC (after 14 days) 6.8 N/cm
- PC (covered side, after 14 days) 6.9 N/cm
- PC (covered side, initial) 6.8 N/cm
- PE (initial) 4.1 N/cm
- PE (after 14 days) 4.3 N/cm
- PE (covered side, after 14 days) 4.3 N/cm
- PE (covered side, initial) 3.5 N/cm
- PET (initial) 5.5 N/cm
- PET (after 14 days) 6.1 N/cm
- PET (covered side, after 14 days) 5.5 N/cm
- PET (covered side, initial) 5.7 N/cm
- PI (initial) 7 N/cm
- PI (after 14 days) 7.1 N/cm
- PI (covered side, after 14 days) 7.2 N/cm
- PI (covered side, initial) 6.9 N/cm
- PMMA (initial) 6.8 N/cm
- PMMA (after 14 days) 7.3 N/cm
- PMMA (covered side, after 14 days) 7.2 N/cm
- PMMA (covered side, initial) 7.1 N/cm
- Steel (initial) 6.5 N/cm
- Steel (after 14 days) 7.3 N/cm
- Steel (covered side, after 14 days) 7.3 N/cm
- Steel (covered side, initial) 6.8 N/cm

Disclaimer

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