

Product Information

30µm d/s filmic tape

tesa® 68540 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 68540 features:

- Thickness: 30µm
- Good adhesion level
- Excellent resistance to demanding environmental conditions
- Excellent handling performance in converting processes

Main Application

- Lamination of cushioning materials to LCDs
- Fixing of reflection foil to LCD frame
- Splicing of thin plastic films

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data

• Backing material	PET film	• Total thickness	30 µm
• Color	transparent	• Type of adhesive	1.2 mils tackified acrylic

Adhesion to

• Steel (initial)	5.6 N/cm 51.2 oz/in	• Steel (after 14 days)	6.6 N/cm 60.3 oz/in
• ABS (initial)	5.1 N/cm 46.6 oz/in	• ABS (after 14 days)	7.1 N/cm 64.9 oz/in
• Aluminium (initial)	4.8 N/cm 43.9 oz/in	• Aluminium (after 14 days)	6.4 N/cm 58.5 oz/in
• PC (initial)	6.4 N/cm 58.5 oz/in	• PC (after 14 days)	7.7 N/cm 70.3 oz/in
• PE (initial)	2.2 N/cm 20.1 oz/in	• PE (after 14 days)	2.8 N/cm 25.6 oz/in
• PET (initial)	4.8 N/cm 43.9 oz/in	• PET (after 14 days)	5.6 N/cm 51.2 oz/in
• PP (initial)	1.5 N/cm 13.7 oz/in	• PP (after 14 days)	2.8 N/cm 25.6 oz/in
• PS (initial)	4.1 N/cm 37.5 oz/in	• PS (after 14 days)	6.2 N/cm 56.6 oz/in
• PVC (initial)	4.6 N/cm 42 oz/in	• PVC (after 14 days)	7.7 N/cm 70.3 oz/in

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Properties

• Temperature resistance short term	200 °C 392 °F	• Resistance to chemicals	●●●
• Temperature resistance long term	100 °C 212 °F	• Softener resistance	●●●
• Tack	●	• Static shear resistance at 23°C	●●●
• Ageing resistance (UV)	●●●●	• Static shear resistance at 40°C	●●●
• Humidity resistance	●●●●		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

Liner variants:

PV20 brown/blue logo glassine paper (71µm; 82g/m²)

PV40 white/red logo glassine paper (71µm; 82g/m²)

Disclaimer

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