

tesa® 68785

80µm double sided black differential filmic tape

tesa® 68785 is a black, double-sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive. The coating weight of the open side is higher than the coating weight of the covered side.

tesa® 68785 features esp.

- Thickness: 80µm
- High adhesion level on the open side, low adhesion level on the covered side
- Excellent resistance to demanding environmental conditions
- Very good handling performance in converting processes

Main Application

- Mounting of two different substrates, where one is easy and the other difficult to adhere to
- Mounting of speaker mesh and metal housing
- Mounting of metal or plastic badges and signs

Technical Data

| | | | |
|--------------------|----------|-----------------------|-------------------|
| ▪ Backing material | PET film | ▪ Type of adhesive | tackified acrylic |
| ▪ Color | black | ▪ Elongation at break | 50 % |
| ▪ Total thickness | 80 µm | ▪ Tensile strength | 20 N/cm |

Adhesion to

| | | | |
|---------------------------------|----------|---------------------------------------|-----------|
| ▪ Steel (initial) | 9.5 N/cm | ▪ Steel (after 14 days) | 10.8 N/cm |
| ▪ Steel (covered side, initial) | 6.6 N/cm | ▪ Steel (covered side, after 14 days) | 8.0 N/cm |
| ▪ ABS (initial) | 7.4 N/cm | ▪ ABS (after 14 days) | 9.2 N/cm |
| ▪ ABS (covered side, initial) | 5.6 N/cm | ▪ ABS (covered side, after 14 days) | 6.9 N/cm |
| ▪ PC (initial) | 9.1 N/cm | ▪ PC (after 14 days) | 11.0 N/cm |
| ▪ PC (covered side, initial) | 7.2 N/cm | ▪ PC (covered side, after 14 days) | 8.8 N/cm |
| ▪ PE (initial) | 4.2 N/cm | ▪ PE (after 14 days) | 5.8 N/cm |
| ▪ PE (covered side, initial) | 3.4 N/cm | ▪ PE (covered side, after 14 days) | 3.5 N/cm |
| ▪ PET (initial) | 7.2 N/cm | ▪ PET (after 14 days) | 7.8 N/cm |
| ▪ PET (covered side, initial) | 5.2 N/cm | ▪ PET (covered side, after 14 days) | 5.7 N/cm |

Properties

| | | | |
|-------------------------------------|--------|-----------------------------------|------|
| ▪ Temperature resistance short term | 200 °C | ▪ Ageing resistance (UV) | ●●●● |
| ▪ Temperature resistance long term | 100 °C | ▪ Humidity resistance | ●●●● |
| ▪ Tack | ●●● | ▪ Static shear resistance at 23°C | ●● |

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

For latest information on this product please visit <http://l.tesa.com/?ip=68785>

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Additional Information

Liner variants:

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

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