

tesa® 66905



Product Information

50µ double sided black anti-repulsion tape

tesa® 66905 is a double-sided self-adhesive tape consisting of a black PET backing and a special anti-repulsion adhesive.

tesa® 66905 features:

- Thickness: 50µm
- Excellent repulsion resistance properties
- High bonding strength and shear resistance
- Very good handling performance in converting processes
- Excellent resistance to demanding environmental conditions

Main Application

- Bonding on curved surfaces
- * Mounting of bent substrates
- * Antenna/FPC 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.

Technical Data

- | | | | |
|--------------------|----------|--------------------|-------------------|
| • Backing material | PET film | • Total thickness | 50 µm |
| • Color | black | • Type of adhesive | tackified acrylic |

Adhesion to

- | | | | |
|-------------------|----------|-------------------------|----------|
| • Steel (initial) | 4.5 N/cm | • Steel (after 14 days) | 6.8 N/cm |
|-------------------|----------|-------------------------|----------|

Properties

- | | | | |
|-------------------------------------|--------|-----------------------------------|------|
| • Temperature resistance short term | 140 °C | • Static shear resistance at 23°C | ●●●● |
| • Temperature resistance long term | 85 °C | • Static shear resistance at 70°C | ●●●● |

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

Additional Information

Liner variants:

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

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