



# tesa® 68745

## Product Information



80µm black d/s filmic tape

## Product Description

tesa® 68745 is a black, double-sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive.

tesa® 68745 features:

- Good bonding strength to most common, smooth, even substrates
- Superior converting performance due to strong PET backing
- Initial repositioning in the assembly process by reduced immediate contact adhesion

## Application Fields

- Mounting of components to Electronic devices
- Mounting of nameplates, badges and light signs
- Mounting of decorative profiles and mouldings in the furniture industry

## 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 material	PET film	• Total thickness	80 µm
• Type of adhesive	tackified acrylic, acrylic, advanced acrylic, modified acrylic	• Color	3.1 mils black, beige

## Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm 11.4 lbs/in	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	very good	• Tack	low
• Chemical resistance	good	• Temperature resistance long term	100 °C 212 °F
• Humidity resistance	very good	• Temperature resistance short term	200 °C 392 °F
• Softener resistance	good		



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### Adhesion to Values

• ABS (initial)	7.5 N/cm 68.5 oz/in	• PET (after 14 days)	7.5 N/cm 68.5 oz/in
• ABS (after 14 days)	8.7 N/cm 79.5 oz/in	• PP (initial)	3.2 N/cm 29.2 oz/in
• Aluminium (initial)	7.3 N/cm 66.7 oz/in	• PP (after 14 days)	5.2 N/cm 47.5 oz/in
• Aluminium (after 14 days)	8.8 N/cm 80.4 oz/in	• PS (initial)	7.2 N/cm 65.8 oz/in
• PC (initial)	8.8 N/cm 80.4 oz/in	• PS (after 14 days)	8.7 N/cm 79.5 oz/in
• PC (after 14 days)	10.3 N/cm 94.1 oz/in	• PVC (initial)	7.3 N/cm 66.7 oz/in
• PE (initial)	3.5 N/cm 32 oz/in	• PVC (after 14 days)	12.2 N/cm 111.5 oz/in
• PE (after 14 days)	5 N/cm 45.7 oz/in	• Steel (initial)	8.2 N/cm 74.9 oz/in
• PET (initial)	6.7 N/cm 61.2 oz/in	• Steel (after 14 days)	9.1 N/cm 83.1 oz/in

### Disclaimer

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