

tesa® 51980

80µm double sided black filmic tape

PRODUCT INFORMATION

Product Description

tesa® 51980 is a double-sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive.

tesa® 51980 features especially:

- 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

Main Application

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

Technical Data

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

Adhesion to

■ Steel (initial)	8.6 N/cm	■ Steel (after 14 days)	9.7 N/cm
■ ABS (initial)	6.5 N/cm	■ ABS (after 14 days)	8.0 N/cm
■ Aluminium (initial)	6.3 N/cm	■ Aluminium (after 14 days)	8.5 N/cm
■ PC (initial)	7.7 N/cm	■ PC (after 14 days)	9.4 N/cm
■ PE (initial)	4.0 N/cm	■ PE (after 14 days)	4.6 N/cm
■ PET (initial)	6.2 N/cm	■ PET (after 14 days)	7.7 N/cm
■ PP (initial)	3.4 N/cm	■ PP (after 14 days)	6.1 N/cm
■ PS (initial)	7.0 N/cm	■ PS (after 14 days)	8.5 N/cm
■ PVC (initial)	6.8 N/cm	■ PVC (after 14 days)	10.7 N/cm

Properties

■ Temperature resistance short term	200 °C	■ Resistance to chemicals	+
■ Temperature resistance long term	100 °C	■ Softener resistance	+
■ Tack	+	■ Static shear resistance at 23°C	+
■ Ageing resistance (UV)	++	■ Static shear resistance at 40°C	o
■ Humidity resistance	++		

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

Additional Info

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

For latest information on this product please visit <http://l.tesa.com/?ip=51980>

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