

tesa® 51970

Transparent double-sided filmic tape

PRODUCT INFORMATION

Product Description

tesa® 51970 is a transparent double-sided tape consisting of a PP-film backing and a tackified adhesive.

tesa® 51970 features especially:

- Excellent combination of high tack and adhesion
- Secure bond even on critical materials such as PP and PE and rough surfaces
- Good temperature resistance and outdoor suitability

Main Application

- Mounting of plastic and wooden trims
- Mounting of decorative materials and displays
- Mounting of transparent signs and scales

Technical Data

■ Backing material	PP film	■ Tensile strength	50 N/cm
■ Colour	transparent	■ Type of liner	glassine
■ Thickness of tape	220 µm	■ Colour of liner	brown
■ Type of adhesive	tackified acrylic	■ Thickness of liner	71 µm
■ Elongation at break	150 %		

Adhesion to

■ Steel (initial)	13.0 N/cm	■ Steel (after 14 days)	13.5 N/cm
■ ABS (initial)	11.3 N/cm	■ ABS (after 14 days)	14.4 N/cm
■ Aluminium (initial)	10.2 N/cm	■ Aluminium (after 14 days)	12.8 N/cm
■ PC (initial)	12.3 N/cm	■ PC (after 14 days)	15.0 N/cm
■ PE (initial)	5.4 N/cm	■ PE (after 14 days)	6.8 N/cm
■ PET (initial)	9.9 N/cm	■ PET (after 14 days)	12.5 N/cm
■ PP (initial)	6.8 N/cm	■ PP (after 14 days)	8.8 N/cm
■ PS (initial)	11.8 N/cm	■ PS (after 14 days)	13.4 N/cm
■ PVC (initial)	10.5 N/cm	■ PVC (after 14 days)	17.0 N/cm

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Properties

■ Static shear resistance at 23 °C	+	■ Humidity resistance	++
■ Static shear resistance at 40 °C	+	■ Temperature resistance short term	130 °C
■ Tack	+	■ Temperature resistance long term	80 °C
■ Resistance to chemicals	+	■ Softener resistance	+
■ Ageing resistance (UV)	+		

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

Additional Info

Liner variants:

PV0 brown glassine paper (65 µm)

PV1 white glassine paper (84 µm)

PV2 white embossed PP (85 µm)

PV6 red MOPP-film (80 µm)

A fingerlift version (extended liner), tesa® 61970, is also available.

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