

tesa® 4939

Removable d/s PET-cloth, differential rubber based adhesive system

tesa® 4939 is a double-sided floor laying tape. It consists of a strong PET-cloth backing in combination with a differential rubber adhesive system.

The special formulated adhesive on the open side combines a high initial bonding power with residue-free removability of up to 14 days from the most common surfaces. (Needs to be tested individually before usage!)

Main Application

Temporary floor laying during fairs, exhibitions, conventions & renovations

Technical Data

▪ Backing material	cloth	▪ Elongation at break	40 %
▪ Color	white	▪ Tensile strength	50 N/cm
▪ Total thickness	250 µm		28.6 lbs/in
	9.8 mils	▪ Type of liner	glassine
▪ Type of adhesive	synthetic rubber	▪ Color of liner	brown

Adhesion to

▪ Steel (initial)	5.0 N/cm 45.7 oz/in	▪ Steel (after 14 days)	5.5 N/cm 50.2 oz/in
▪ Steel (covered side, initial)	7.5 N/cm 68.5 oz/in	▪ Steel (covered side, after 14 days)	8.0 N/cm 73.1 oz/in
▪ PE (initial)	2.5 N/cm 22.8 oz/in	▪ PE (after 14 days)	2.0 N/cm 18.3 oz/in
▪ PE (covered side, initial)	4.5 N/cm 41.1 oz/in	▪ PE (covered side, after 14 days)	5.0 N/cm 45.7 oz/in
▪ PP (initial)	4.5 N/cm 41.1 oz/in	▪ PP (after 14 days)	2.5 N/cm 22.8 oz/in
▪ PP (covered side, initial)	6.5 N/cm 59.4 oz/in	▪ PP (covered side, after 14 days)	5.0 N/cm 45.7 oz/in

For latest information on this product please visit <http://l.tesa.com/?ip=04939>

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Properties

▪ Temperature resistance short term	80 °C 176 °F	▪ Resistance to chemicals	● ● ●
▪ Temperature resistance long term	40 °C 104 °F	▪ Static shear resistance at 73,4 °F	● ● ● ●
▪ Tack	● ● ● ●	▪ Static shear resistance at 104 °F	● ● ●
▪ Ageing resistance (UV)	● ●	▪ Static shear resistance at 158 °F	● ●
▪ Humidity resistance	● ● ●	▪ Fogging	● ● ● ●

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

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