

tesa® 51570

Double-sided non-woven tape

tesa® 51570 is a double-sided tape with a non-woven backing. It is used for permanent mounting of metal and plastic materials, e.g. aluminum, polystyrene, polypropylene, ABS. The thick layer of adhesive bonds well on uneven surfaces and has a very high initial bond.

Main Application

General purpose mounting

Technical Data

▪ Backing material	non-woven	▪ Type of adhesive	synthetic rubber
▪ Total thickness	110 µm		

Adhesion to

▪ Steel (initial)	12.0 N/cm	▪ Steel (after 14 days)	13.0 N/cm
▪ PE (initial)	5.5 N/cm	▪ PE (after 14 days)	7.0 N/cm
▪ PP (initial)	7.0 N/cm	▪ PP (after 14 days)	12.0 N/cm
▪ PS (initial)	8.0 N/cm	▪ PVC (after 14 days)	12.5 N/cm
▪ PVC (initial)	9.0 N/cm		

Properties

▪ Temperature resistance short term	80 °C	▪ Resistance to chemicals	●
▪ Temperature resistance long term	40 °C	▪ Softener resistance	●
▪ Tack	●●●●	▪ Static shear resistance at 23°C	●●●●
▪ Ageing resistance (UV)	●●	▪ Static shear resistance at 40°C	●
▪ Humidity resistance	●●●	▪ Fogging	●●●●

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

Additional Information

It is not recommended to apply tesa® 51570 where a temperature of over 60° C prevails for long periods.

For latest information on this product please visit <http://l.tesa.com/?ip=51570>

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