

tesa® 51966

Double-sided transparent filmic tape

tesa® 51966 is a transparent double-sided tape consisting of a PET backing and a highly tackified adhesive. The brown colored glassine paper liner is branded with a blue tesa® logo.

tesa® 51966 features:

- Excellent combination of high initial tack and immediate adhesion
- Full suitability for long-term applications

Main Application

- Specially designed for converter and tape specialist business
- Excellent converting properties

Technical Data

▪ Backing material	PET	▪ Type of adhesive	acrylic
▪ Color	transparent	▪ Elongation at break	55 %
▪ Total thickness	200 µm 7.9 mils	▪ Tensile strength	20 N/cm 11.4 lbs/in

Adhesion to

▪ Steel (initial)	10.5 N/cm 95.9 oz/in	▪ Steel (after 14 days)	11.0 N/cm 100.5 oz/in
▪ ABS (initial)	10.5 N/cm 95.9 oz/in	▪ ABS (after 14 days)	11.5 N/cm 105.1 oz/in
▪ Aluminium (initial)	9.0 N/cm 82.2 oz/in	▪ aluminium (after 14 days)	10.0 N/cm 91.4 oz/in
▪ PC (initial)	13.0 N/cm 118.8 oz/in	▪ PC (after 14 days)	13.5 N/cm 123.3 oz/in
▪ PE (initial)	7.0 N/cm 64 oz/in	▪ PE (after 14 days)	7.5 N/cm 68.5 oz/in
▪ PET (initial)	9.0 N/cm 82.2 oz/in	▪ PET (after 14 days)	9.5 N/cm 86.8 oz/in
▪ PP (initial)	7.5 N/cm 68.5 oz/in	▪ PP (after 14 days)	8.0 N/cm 73.1 oz/in
▪ PS (initial)	11.0 N/cm 100.5 oz/in	▪ PS (after 14 days)	12.0 N/cm 109.6 oz/in
▪ PVC (initial)	9.0 N/cm 82.2 oz/in	▪ PVC (after 14 days)	13.0 N/cm 118.8 oz/in

For latest information on this product please visit <http://l.tesa.com/?ip=51966>

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

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Properties

▪ Temperature resistance short term	130 °C 266 °F	▪ Resistance to chemicals	● ● ●
▪ Temperature resistance long term	80 °C 176 °F	▪ Softener resistance	● ● ●
▪ Tack	● ● ● ●		
▪ Ageing resistance (UV)	● ● ●		
▪ Humidity resistance	● ● ●		

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

Additional Information

Liner variants:

PV20: brown glassine paper liner with blue printed tesa logo (71µm/82g/m²)

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