productinformation

tesa® 4940

160µm double sided translucent non-woven tape

tesa® 4940 is a translucent, double-sided self-adhesive tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 4940 features especially:

- High adhesion level on various kinds of foams, plastic and metal surfaces
- Excellent temperature resistance performance
- Good repulsion resistance
- Thick PE-coated paper liner to ensure excellent diecuttability

Main Application

- Mounting of plastic and foam parts, heavy paper or cardboard, textile, leather and felt

Technical Data

Backing material	non-woven	Type of adhesive	tackified acrylic
Color	translucent	Type of liner	PE-coated paper
Total thickness	160 µm		

Adhesion to

Steel (initial)	9.3 N/cm	Steel (after 14 days)	11.3 N/cm
ABS (initial)	8.0 N/cm	ABS (after 14 days)	13.6 N/cm
Glass (initial)	8.9 N/cm	Glass (after 14 days)	10.3 N/cm
PC (initial)	10.1 N/cm	PC (after 14 days)	13.2 N/cm
PE (initial)	2.9 N/cm	PE (after 14 days)	3.8 N/cm

Properties

Temperature resistance short term	150 °C	Humidity resistance	●●●
Temperature resistance long term	80 °C	Resistance to chemicals	●●●
Tack	●●●●	Softener resistance	●●
Ageing resistance (UV)	●●●●	Static shear resistance at 23°C	●●●

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

Additional Information

Liner variants:
PV43 white PE-coated paper / blue tesa logo

For latest information on this product please visit http://l.tesa.com/?ip=04940