

tesa® 62936

1600 µm double sided PE foam tape

tesa® 62936 is a double sided PE foam tape for constructive mounting applications. It consists of a highly conformable PE foam backing with a tackified acrylic adhesive.

Product benefits:

- Versatile adhesive for high immediate adhesion on numerous substrates
- High ultimate adhesion level for a secure bonding performance
- Fully outdoor suitable: UV, water and ageing resistant
- Compensates for differing thermal expansion of dissimilar materials
- High immediate bonding strength even at low bonding pressure
- Very good cold shock absorption

Main Application

- Interior wall cladding panels
- Bumper rails on commercial freezers
- Injection moulded plastic parts
- Mirrors and coloured glass panels

Technical Data

▪ Backing material	PE foam	▪ Type of adhesive	tackified acrylic
▪ Color	black/white	▪ Elongation at break	175 %
▪ Total thickness	1600 µm	▪ Tensile strength	9 N/cm

Adhesion to

▪ Steel (initial)	16.0 N/cm	▪ Steel (after 14 days)	19.0 N/cm
▪ ABS (initial)	17.0 N/cm	▪ ABS (after 14 days)	19.0 N/cm
▪ Aluminium (initial)	15.0 N/cm	▪ Aluminium (after 14 days)	19.0 N/cm
▪ PC (initial)	19.0 N/cm	▪ PC (after 14 days)	19.0 N/cm
▪ PE (initial)	2.0 N/cm	▪ PE (after 14 days)	3.0 N/cm
▪ PET (initial)	15.0 N/cm	▪ PET (after 14 days)	19.0 N/cm
▪ PP (initial)	3.0 N/cm	▪ PP (after 14 days)	7.0 N/cm
▪ PS (initial)	19.0 N/cm	▪ PS (after 14 days)	19.0 N/cm
▪ PVC (initial)	19.0 N/cm	▪ PVC (after 14 days)	19.0 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=62936>

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Properties

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

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

Additional Information

Liner variants:

- PV0 brown glassine paper (71 µm)
- PV10 red transparent PP film (120 µm)
- PV15 blue PE film (100 µm)

Peel Adhesion:

- immediate: foam splitting on PC, PS, PVC
- after 14 days: foam splitting on Steel, Aluminium, ABS, PC, PS, PET, PVC

tesa® 62936 has been tested by TÜV Rheinland, Germany. The test confirms the longterm adhesion performance after IEC 61215 / 61646 climate tests and a 85°C temperature resistance. (TÜV report number 21209595).

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