productinformation

tesa® 62936
1600 µm/63 mils 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 absorbtion

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 63 mils	Tensile strength	9 N/cm 5.1 lbs/in

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

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Adhesion to

▪ Steel (initial)	16.0 N/cm 146.2 oz/in	▪ Steel (after 14 days)	19.0 N/cm 173.6 oz/in
▪ ABS (initial)	17.0 N/cm 155.3 oz/in	▪ ABS (after 14 days)	19.0 N/cm 173.6 oz/in
▪ Aluminium (initial)	15.0 N/cm 137 oz/in	▪ aluminium (after 14 days)	19.0 N/cm 173.6 oz/in
▪ PC (initial)	19.0 N/cm 173.6 oz/in	▪ PC (after 14 days)	19.0 N/cm 173.6 oz/in
▪ PE (initial)	2.0 N/cm 18.3 oz/in	▪ PE (after 14 days)	3.0 N/cm 27.4 oz/in
▪ PET (initial)	15.0 N/cm 137 oz/in	▪ PET (after 14 days)	19.0 N/cm 173.6 oz/in
▪ PP (initial)	3.0 N/cm 27.4 oz/in	▪ PP (after 14 days)	7.0 N/cm 64 oz/in
▪ PS (initial)	19.0 N/cm 173.6 oz/in	▪ PS (after 14 days)	19.0 N/cm 173.6 oz/in
▪ PVC (initial)	19.0 N/cm 173.6 oz/in	▪ PVC (after 14 days)	19.0 N/cm 173.6 oz/in

Properties

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

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

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Additional Information

Liner variants:

- PV0 brown glassine paper (71 µm/2.8 mils)
- PV10 red transparent PP film (120 µm/4.7 mils)
- PV15 blue PE film (100 µm/3.9 mils)

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/85°F temperature resistance. (TÜV report number 21209595).

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