

tesa® 62936

Double-sided PE foam mounting tape

PRODUCT INFORMATION

Product Description

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
- 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
■ Colour	black/white	■ Elongation at break	200 %
■ Total thickness	1600 µm	■ Tensile strength	19 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

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Properties

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

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

Additional Info

Liner variants:

PV0 brown glassine paper (71 µm)

PV14 white PE-coated paper (120 µm)

PV10 red filmic liner (120 µm)

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).

Peel Adhesion:

- immediate: foam splitting on PC, PS, PVC

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

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