

tesa® 62934 800µm double sided PE foam tape

tesa® 62934 is a double sided PE foam tape for constructive mounting applications. It consists of a highly conformable PE foam backing and 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

- Decorative aluminium cover screens on brown goods
- Doorhandles in kitchen furniture
- 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 | 250 % |
| ▪ Total thickness | 800 µm | ▪ Tensile strength | 8 N/cm |

Adhesion to

| | | | |
|-----------------------|-----------|-----------------------------|-----------|
| ▪ Steel (initial) | 17.0 N/cm | ▪ Steel (after 14 days) | 17.0 N/cm |
| ▪ ABS (initial) | 17.0 N/cm | ▪ ABS (after 14 days) | 17.0 N/cm |
| ▪ Aluminium (initial) | 17.0 N/cm | ▪ Aluminium (after 14 days) | 17.0 N/cm |
| ▪ PC (initial) | 15.0 N/cm | ▪ PC (after 14 days) | 17.0 N/cm |
| ▪ PE (initial) | 2.7 N/cm | ▪ PE (after 14 days) | 2.8 N/cm |
| ▪ PET (initial) | 12.5 N/cm | ▪ PET (after 14 days) | 17.0 N/cm |
| ▪ PP (initial) | 2.8 N/cm | ▪ PP (after 14 days) | 5.5 N/cm |
| ▪ PS (initial) | 15.0 N/cm | ▪ PS (after 14 days) | 17.0 N/cm |
| ▪ PVC (initial) | 17.0 N/cm | ▪ PVC (after 14 days) | 17.0 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=62934>

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Properties

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

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

tesa® 62934 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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