

tesa® 4576

High Barrier

Product Information

Venting tape



Product Description

tesa® 4576 is a highly elastic single sided adhesive tape. It consists of a PET/cellulose non-woven fabric coated with an acrylic adhesive.

Its high gas permeability through the adhesive and non woven carrier makes it the ideal barrier solution for any kind of foaming processes.

Features:

- gas permeable backing and adhesive
- low unwinding force
- conformable and elastic
- moisture resistant
- waterproof
- ageing-resistant

Application Fields

- Venting tape for foaming processes e.g. refrigerators
- Suitable for applications in the automotive industry, e.g. production of dashboards

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|-----------|---------------------|----------|
| • Backing | non-woven | • Total thickness | 140 µm |
| • Type of adhesive | acrylic | • Thickness of tape | _NULL µm |

Properties/Performance Values

- | | | | |
|--------------------------|---------------------------------------|-------------------------------|--------|
| • Elongation at break | 17 % | • Hand tearability | good |
| • Tensile strength | 10 N/cm | • Operation temperature up to | 160 °C |
| • Ageing resistance (UV) | very good | • Solvent free | yes |
| • Air permeability | 6 cm ³ /cm ² xs | | |

Adhesion to Values

- | | | | |
|-----------------|----------|----------------|--------|
| • ABS (initial) | 2.2 N/cm | • PS (initial) | 2 N/cm |
| • PE (initial) | 0.8 N/cm | • Steel | 1 N/cm |

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