

# 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 material | 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 <sup>3</sup> /cm <sup>2</sup> 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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For latest information on this product please visit <http://l.tesa.com/?ip=4576>