



# tesa<sup>®</sup> 4576 PV0



## Product Information

### Venting tape

### Product Description

tesa<sup>®</sup> 4576 is a single-sided tape for venting applications. It is based on a nonwoven fabric coated with acrylic adhesive. The selected backing ensures conformability and gives certain air permeability. It is an ideal barrier for your foaming processes.

#### Features:

- The excellent barrier against foam leakage makes this tape a best seller in the market
- A certain air permeability allows the foam to expand while the tape will cover venting holes
- Is highly conformable to shaped structures
- Unwinds gently to avoid curling which makes the handling easier in order to reduce process time
- Easily torn by hand for an increased working efficiency
- Ageing-resistant design
- Certification according to UL 94 HB flame rating

### Application Fields

The venting tape is used to cover holes during foaming processes in different industries

- Designed for appliances where the foam is used to insulate fridges and freezers, as well as to stabilize the body
- In production of special vehicles such as refrigerator trucks

### 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

- Type of adhesive acrylic

### Properties/Performance Values

- |                          |                                       |                               |        |
|--------------------------|---------------------------------------|-------------------------------|--------|
| • Elongation at break    | 17 %                                  | • Hand tearability            | good   |
| • Tensile strength       | 10 N/cm                               | • Operation temperature up to | 160 °C |
|                          | 5.7 lbs/in                            |                               | 320 °F |
| • Ageing resistance (UV) | very good                             | • Solvent free                | yes    |
| • Air permeability       | 6 cm <sup>3</sup> /cm <sup>2</sup> xs |                               |        |



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### Adhesion to Values

• ABS (initial)	2.2 N/cm 20.1 oz/in	• PS (initial)	2 N/cm 18.3 oz/in
• PE (initial)	0.8 N/cm 7.3 oz/in	• Steel	1 N/cm 9.1 oz/in

## Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=04576>