



tesa® 4580

Product Information



Venting tape

Product Description

tesa® 4580 is a premium single sided Venting Tape. It is based on a non-woven fabric coated with an acrylic dispersion adhesive. Venting Tape is mainly used to cover (temporary) holes during foaming processes in several industries. This product has a high and homogeneous air permeability. Due to dotted adhesive coating the backing is only selective but not fully covered by adhesive.

Features:

- Excellent air permeability due to extraordinary type of adhesive coating
- Special acrylic dispersion adhesive with well-balanced properties
- Very good unwinding properties for fast application
- Conformable and elastic
- Excellent barrier function against various polymeric foams/polyurethans
- Very conformable and elastic
- Easy to tear by hand

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 | • Thickness of tape | _NULL µm |
|--------------------|---------|---------------------|----------|

Properties/Performance Values

- | | | | |
|--------------------------|--|-------------------------------|--------|
| • Elongation at break | 8 % | • Hand tearability | good |
| • Tensile strength | 35 N/cm | • Operation temperature up to | 160 °C |
| • Ageing resistance (UV) | very good | • Solvent free | yes |
| • Air permeability | 52 cm ³ /cm ² xs | | |

Adhesion to Values

- | | | | |
|-----------------|----------|----------------|----------|
| • ABS (initial) | 1.4 N/cm | • PS (initial) | 1.1 N/cm |
| • PE (initial) | 0.3 N/cm | • steel | 1.5 N/cm |



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For latest information on this product please visit <http://l.tesa.com/?ip=04580>