



RELIABLE FOAMING PROCESS

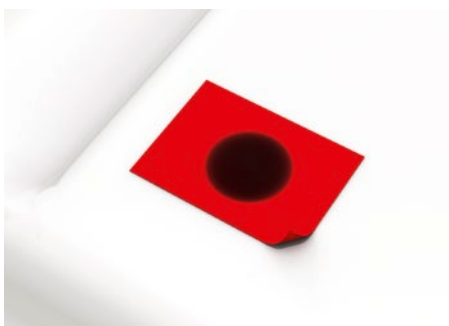
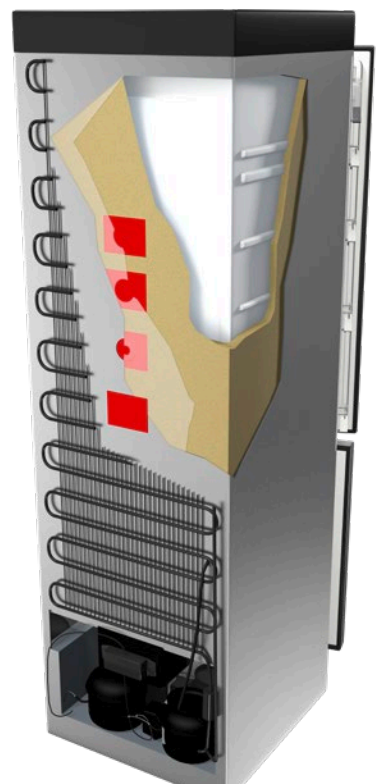
tesa® Venting Tape Assortment

Features of tesa® 4582

- High adhesion
- Low foam leakage
- Tearable by hand

Advantages of using tesa® Venting Tapes

- Reduced cleaning costs
- Faster foaming process
- Less material waste due to leakage

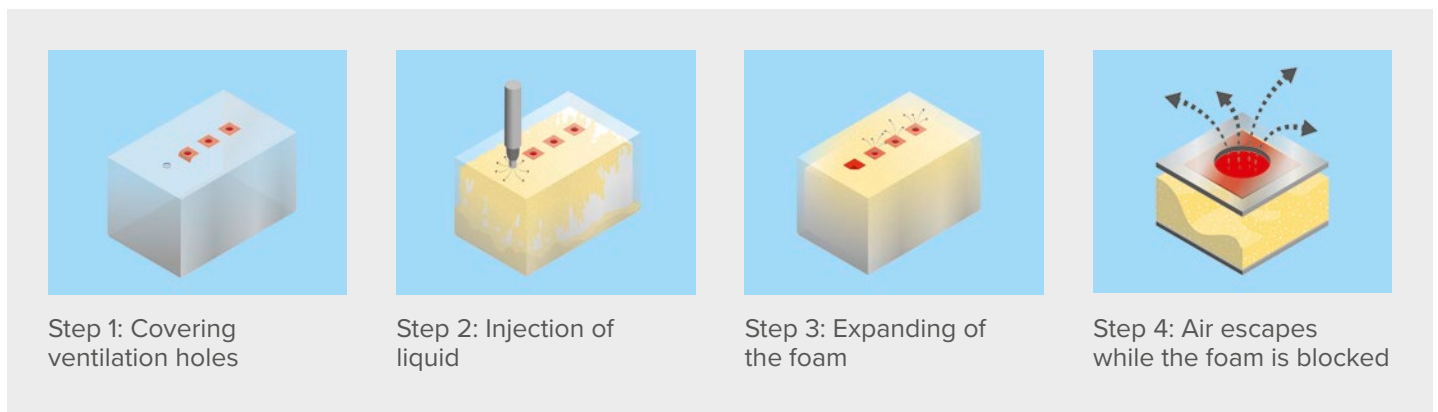


THERMAL INSULATIONS

High adhesion and low foam leakage are among the most important characteristics the appliances industry looks for in a venting tape. Air-permeable tapes are mainly used as a foaming aid in the production of refrigerators and freezers. To insulate the appliances, liquid polyurethane is injected between the inner and the outer liners. tesa®, as the expert for venting tapes, offers a full assortment for your specific requirements.




Product application

While the foam expands to fill every corner of the shell, the venting tape covers the holes and other openings. The characteristic permeability of the tape allows the air and other gases to escape, while its high adhesion prevents the polyurethane foam from pushing it off.



To fulfill your specific requirements in the foaming process, we offer an assortment that consists of three pressure-sensitive tapes. The products differ from each other in their adhesion levels and air permeability. We, as specialists for venting tapes, recommend the newly developed tesa® 4582 for demanding substrates and hole positioning due to its high adhesion level and its well-balanced permeability for air and other gases.

Technical data

Product		Special feature	Backing	Adhesive type	Color	Thickness [µm]	Adhesion to steel [N/cm]	Air permeability [cm³/cm²xs]
tesa® 4576		High barrier	Non-woven	Acrylic	White	140	1.0	6
tesa® 4580		Highly permeable	Non-woven	Acrylic	White	160	1.5	52
tesa® 4582		High adhesion	Non-woven	Acrylic	White	190	3.0	21