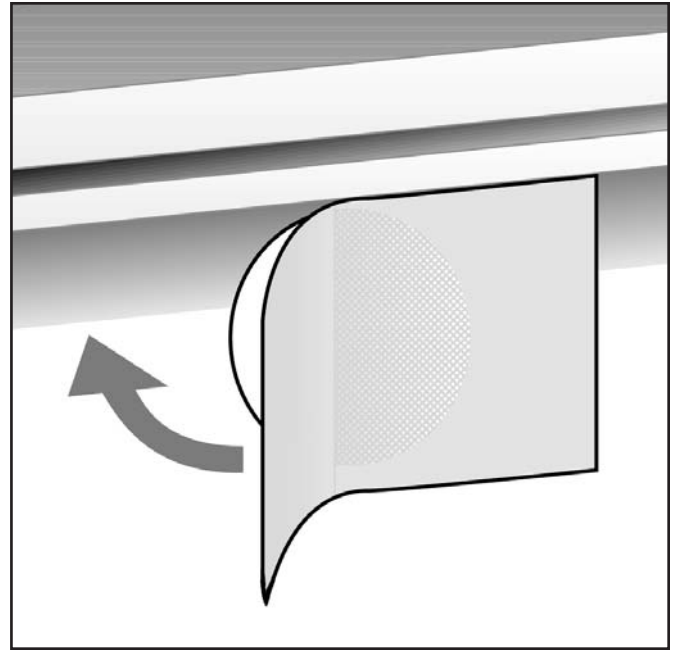
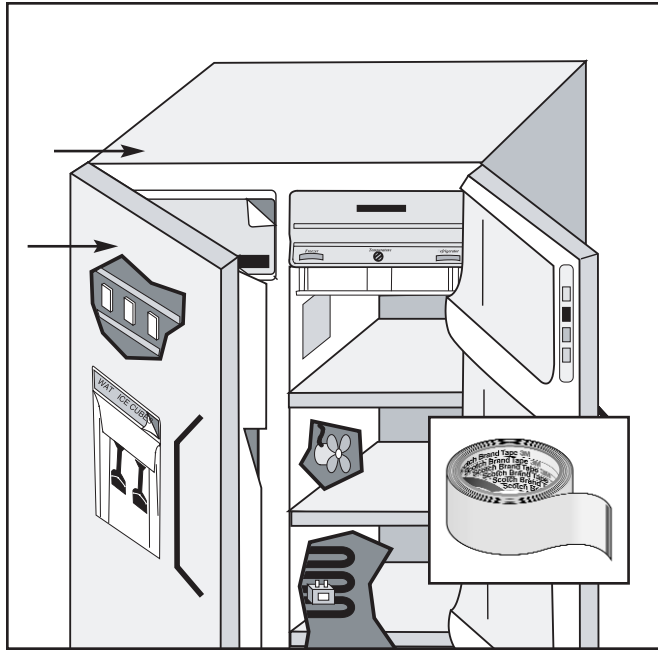


# 3M Application Profile

**Market:** Appliance

**Application Description:** Outgas venting.



## Application Detail

The 3M™ Venting Tapes 394, 3294 and 3394 are used to cover openings in the cabinet of refrigerators and freezers during the foam-in-place manufacturing process. These tapes allow air and gases to escape while keeping solids (such as urethane foam) in place.

## Key Application Requirements

Tape must be easy to apply and allow foam to outgas during the foam-in-place process.

## Benefits/Advantages To Customer

*Improved porosity:* 3M™ Venting Tapes offer good porosity for out gassing.

*Unique construction:* Non-woven backing conforms well, providing an effective seal. This unique backing has high air and gas permeability, allowing minimal foaming voids. The backing has good burst strength, which helps reduce clean-up.

*Easy to apply:* Pressure-sensitive adhesive is easy to apply on the assembly line.

*Coated adhesive strip (Tape 3294):* Uncoated areas of Tape 3294 have higher permeability, helping to minimize foaming voids.

*Easy to use:* Pressure-sensitive adhesive requires no additional holding means, helping to reduce labor costs.

## PRODUCT

3M™ Venting Tape 394  
3M™ Venting Tape 3294  
3M™ Venting Tape 3394

## Process

The air-permeable, non-woven backings of 3M™ Venting Tapes keep foam-in-place insulation inside door and appliance cavities, while helping eliminate voids.

## Related Products

3M™ Venting Tape 3294 is the most permeable venting tape, compared to 3M™ Venting Tapes 394 and 3394, which also have an air-permeable backing.

## Related Product Ideas

Venting tape applications in freezers and vending machines that use the foam-in-place process.

## SIC Code

3632 – Household Refrigerators and Freezers

## Key Decision Makers

Design Engineers

Manufacturing Engineers

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## For Additional Information

To request additional product information or to arrange for sales assistance, call 1-800-362-3550. Address correspondence to: 3M Industrial Business Customer Response Center, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55106. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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## Product Use

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