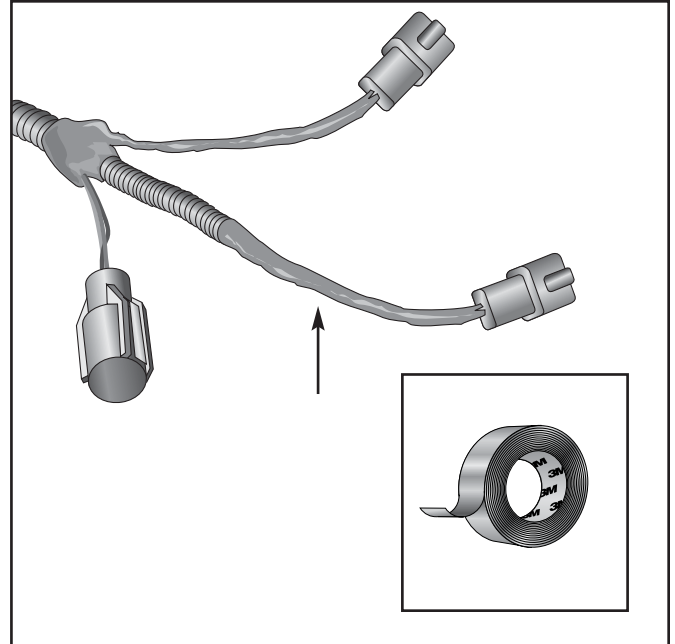
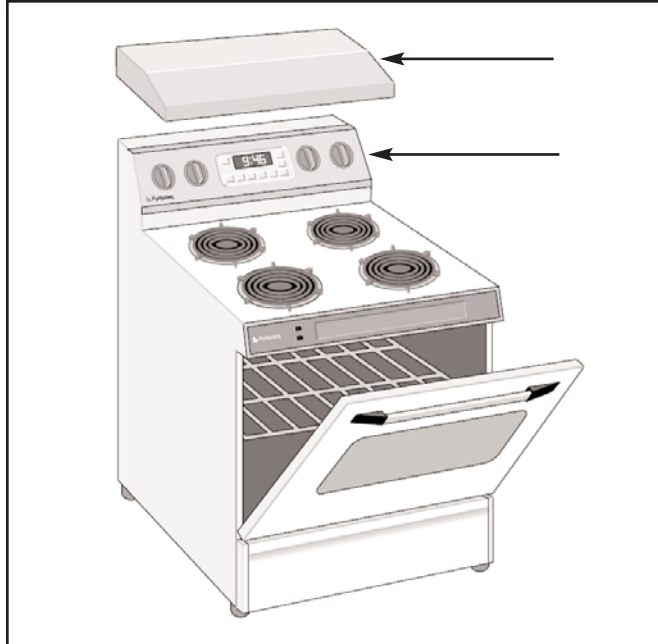


# 3M Application Profile

**Market:** Appliance

**Application Description:** Protecting the wiring harnesses in ranges from heat degradation and long-term heat exposure.



## Application Method

Lengths of heat management tape are hand-wrapped around the wire harness during assembly.

## Key Application Requirements

Resistance to heat; long-term performance.

## Advantages/Benefits To Customer

*Resists high temperatures:* The aluminum foil in tape 363 has good heat reflective properties, helping dissipate heat and protect wires in the wiring harness from heat generated by the range during use.

*Helps decrease wear and tear on wiring harness:* The heat-resistant backing of tapes 363 and 3633 helps protect the wiring harness from heat degradation and long-term heat exposure, allowing long-term use of the wiring.

*Permanent bond:* The pressure-sensitive adhesive permanently bonds to the wiring harness, providing long-term protection.

*Easy to apply:* Pressure-sensitive adhesive makes it easy to wrap around the wiring harness on the assembly line.

## PRODUCT

3M™ High Temperature Aluminum  
Foil/Glass Cloth Tape 363  
3M™ Heat Management Tape 3633

## Process

3M™ High Temperature Aluminum Foil/Glass Cloth Tape 363 is high performance foil tape that is available in several roll widths to accommodate production needs.

## Related Application Ideas

Tape 363 may also be considered for applications on ovens, dryers and other appliances that may generate heat during their operation.

## SIC Code

3631 – Household Cooking Equipment

## Key Decision Makers

Design Engineers  
Quality Control Managers  
Production Supervisors/Managers

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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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