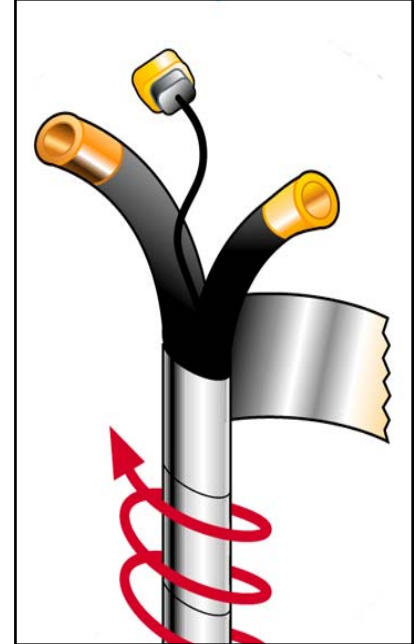


# 3M Application Profile

**Market:** Elevator

**Application Description:** Bundling wire harnesses and protecting sensitive cables and flexible tubes from heat, flame sources and wear.



## Application Method

By hand.

## Key Application Requirements

Heat resistance, flexibility, high tear and puncture resistance.

## Benefits/Advantages To Customer

*Highly conformable and non-rigidizing:* These aluminum-foil, reinforced tapes are ideal for spiral wrap protection of cables, hoses and harnesses. Wrapped hoses retain flexibility.

*High strength:* Tapes wear well, and resist tearing and puncturing.

*Heat and flame-resistant:* Helps ensure continuous, safe elevator operation.

## PRODUCT

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

## Additional Product Information

Product	Tape Structure Backing (Adhesive)	Thickness mils (mm)	Adhesion to Steel oz./in. (N/100 mm)	Tensile Strength lbs./in. (N/100 mm)	Temperature Range F° (C°)
3M™ High Temperature Aluminum Foil/Glass Cloth Tape 363	Aluminum/Glass Cloth (Silicone)	Backing: 3.4 (0.09) Total: 7.4 (0.19)	54 (59)	111 (1944)	-65 to 600° (-54 to 316°)
3M™ Heat Management Tape 3633	Aluminum/Glass Cloth (Acrylic)	Backing: 3.4 (0.09) Total: 5.7 (0.14)	70 (77)	140 (2452)	-40 to 300° (-40 to 149°)

Note: This technical information and data provided here should be considered representative or typical only and should not be used for specification purposes.

## SIC Code

1796 – Installation of Building Equipment

3534 – Elevators and Moving Stairways

## Key Decision Makers

Designers

Construction Engineers

Building Maintenance Supervisors

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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

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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Industrial Business

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