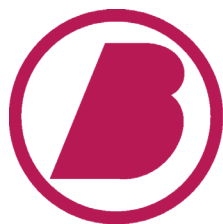


3M Building and Commercial Services Division
3M™ Safety-Walk™ Slip-Resistant Tapes and Treads



Your Steps Matter

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3M

3M™ Safety-Walk™ Products

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*25% of nonfatal occupational injuries and illnesses reported in 2009 that required days away from work were the result of slips or falls**

According to the US Bureau of Labor, in 2009 twenty-five percent of nonfatal occupational injuries and illnesses requiring days away from work were the result of slips or falls.*

Help address falling risks by taking simple steps to provide slip-resistant surfaces where safety may be a concern. Install 3M™ Safety-Walk™ Treads to provide traction on slippery surfaces and help meet OSHA and ADA coefficient of friction requirements.

The prevention of slips and falls and the creation of a safe walking surface is a necessity in the design and construction of buildings and adjacent areas. This is also an important consideration in the manufacture of heavy equipment, machinery and trailers as well as in the design of sports and leisure equipment and vehicles. Special slip-resistant material should also be considered in and around wet areas such as showers, bath tubs, locker rooms, pools and hot tubs where barefoot traffic is present and firm-footing will help minimize slips and falls on slick surfaces.

3M™ Safety-Walk™ Slip-Resistant Tapes and Treads

As a leading global manufacturer of slip-resistant products, 3M offers a full range of functional, slip-resistant materials designed for the safety of people in the workplace. These mineral and non-mineral coated products are suitable for industrial or residential applications in dry, wet or oily conditions. 3M™ Safety-Walk™ Slip-Resistant Tapes and Treads adhere to clean, dry surfaces without wrinkling, curling, tearing, shrinking or lifting and offer proven durability for long life. Pressure sensitive adhesive backing makes it easy to apply tapes and treads without the use of anchoring. 3M™ Safety-Walk™ products meet or exceed the standards and recommended guidelines for slip resistance in accordance with ASTM requirements. Standard rolls and pre-cut treads are available in a variety of sizes, colors and textures ranging from fine resilient, medium resilient and general purpose to coarse and conformable material types. Custom sizes, pieces and die-cut shapes are available through an extensive national network of 3M authorized converters.

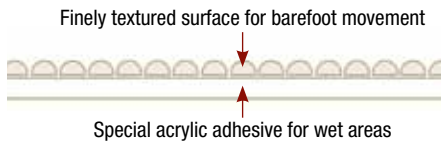
* Source: United States Dept. of Labor.
Bureau of Labor Statistics.
"NonFatal Occupational Injuries and Illnesses Requiring Days Away from Work, 2009." Nov. 9, 2010.



3M™ Safety-Walk™ Slip-Resistant Fine Resilient Tapes and Treads – 200 Series

A fine-textured, slip-resistant surface with a pressure-sensitive adhesive backing provides enhanced safety and comfort in light- and barefoot-traffic areas.

- For wet, barefoot-traffic areas
- Non-mineral, fine-textured, slip-resistant vinyl surface
- High performance, water-resistant, acrylate adhesive is ideal for wet conditions
- Applications: showers, tubs, surfboards, around hot tubs and pools
- Standard sizes:
 - Treads: 6 in. x 24 in.
 - Tapes: a variety of widths from 1 in. to 12 in. wide x 60 ft. long
 - Custom shapes and sizes are also available



Product Properties

Typical Properties	220 Clear	280 White	7705 White
Applied Thickness	.023 in. (.584mm)	.023 in. (.584mm)	.023 in. (.584mm)
Applied Weight	2.1 oz./sq ft. (640 g/sq meter)	2.1 oz./sq ft. (640 g/sq meter)	2.1 oz./sq ft. (640 g/sq meter)
Minimum Application Temperature	50°F (10°C)	50°F (10°C)	50°F (10°C)
Maximum Service Temperature	150°F (66°C)	150°F (66°C)	150°F (66°C)
Coefficient of Friction OSHA/ADA	Meets or Exceeds	Meets or Exceeds	Meets or Exceeds
Fire Retardancy NFPA 101 GSA classification	Type I Class A	Type I Class A	Type I Class A
Chemical Resistance	Resists most chemicals including bath oils	Resists most chemicals including bath oils	Resists most chemicals including bath oils

3M™ Safety-Walk™ Slip-Resistant Tub and Shower Strips

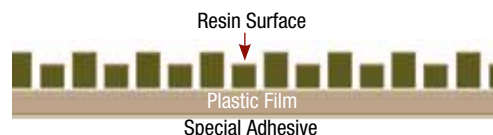


This fine-textured, slip-resistant material provides increased safety and comfort in light traffic barefoot areas. Available in ¾ in. x 17 in. strips.

3M™ Safety-Walk™ Slip-Resistant Medium Resilient Tapes and Treads – 300 Series

A soft textured, non-mineral, medium resilient surface bonded to a pressure-sensitive adhesive backed plastic film.

- For barefoot- or shoe-traffic areas
- Non-mineral, medium textured, slip-resistant vinyl surface
- Textured resilient high friction surface and durable adhesive provide long-lasting performance
- Applications: locker rooms, around hot tubs and pools, boats, personal watercraft, water skis, exercise equipment, conveyers
- Standard sizes:
 - Treads: 6 in. x 24 in.
 - Tapes: a variety of widths from 1 in. to 48 in. wide x 60 ft. long
 - Custom shapes and sizes are also available



Product Properties



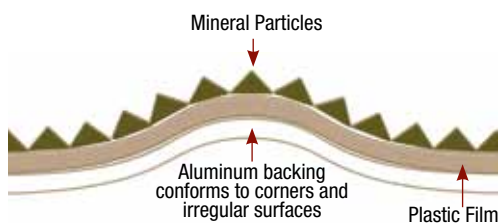
Typical Properties	310 Black	370 Gray
Applied Thickness	.045 in. (1.14mm)	.045 in. (1.14mm)
Applied Weight	2.7 oz./sq ft. (827 g/sq meter)	2.7 oz./sq ft. (827 g/sq meter)
Minimum Application Temperature	40°F (4°C)	40°F (4°C)
Maximum Service Temperature	175°F (79°C)	175°F (79°C)
Coefficient of Friction OSHA/ADA	Meets or Exceeds	Meets or Exceeds
Fire Retardancy NFPA 101 GSA classification FAA 25.853-F-1	Type II Class B Passes	Type II Class B Passes
Chemical Resistance	Resists most chemicals	Resists most chemicals



3M™ Safety-Walk™ Slip-Resistant Conformable Tapes and Treads – 500 Series

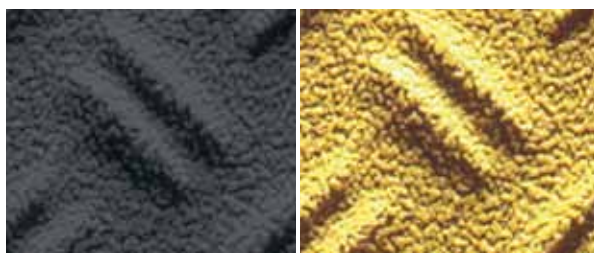
A high-friction, slip-resistant material that has a special pressure-sensitive adhesive backed aluminum film that conforms around corners and adheres to irregular surfaces.

- For irregular or contoured surfaces in light to heavy shoe-traffic areas
- Mineral-coated, high friction slip-resistant surface
- Aluminum backing conforms to corners, curves, and irregular surfaces
- Aggressive, high performance adhesive forms an excellent bond for a secure hold
- Applications: stairs, ladders, loading ramps, platforms, irregular surfaces like diamond plating or flat surfaces with rivets or screw heads
- Safety yellow color for high visibility and easy identification of hazard areas

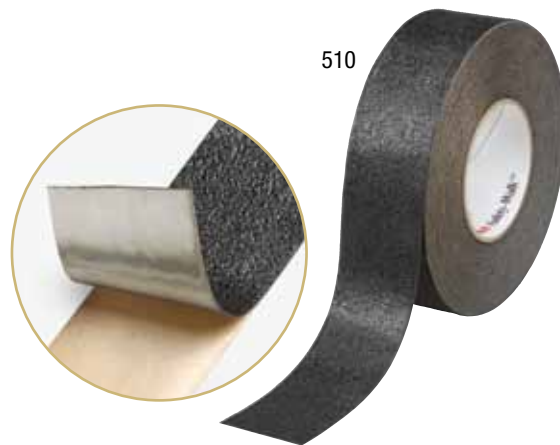


- Standard sizes:
 - Treads: 6 in. x 24 in.
 - Tapes: a variety of widths from 2 in. to 24 in. wide x 60 ft. long
 - Custom shapes and sizes are also available

Product Properties



Typical Properties	510 Black	530 Safety Yellow
Applied Thickness	.036 in. (.914mm)	.036 in. (.914mm)
Applied Weight	2.8 oz./sq ft. (854 g/sq meter)	2.8 oz./sq ft. (854 g/sq meter)
Minimum Application Temperature	40°F (4°C)	40°F (4°C)
Maximum Service Temperature	175°F (79°C)	175°F (79°C)
Coefficient of Friction MIL-PRF-24667 C*	Meets or Exceeds	Meets or Exceeds
Fire Retardancy NFPA 101 GSA classification FAA 25.855-F-1 FAA 25.853-F-1	Type I Class A Passes Passes	Type I Class A Passes Passes
Chemical Resistance	Resists most chemicals	Resists most chemicals



* Supersedes Military Specification MIL-D-17951 E to which this product is also qualified

3M™ Safety-Walk™ Slip-Resistant General Purpose Tapes and Treads – 600 Series

A mineral-coated, slip-resistant material adhered by a durable resin to a pressure-sensitive adhesive backed plastic film.

- For light to heavy shoe-traffic areas
- Mineral-coated, high friction slip-resistant surface
- Highly durable surface withstands the rigors of equipment traffic
- Low-profile design helps reduce trip hazard
- High performance pressure-sensitive adhesive for easy application
- Applications: Flat surfaces, steps, stairways, entrances, ramps, ladders, lawn equipment, snowmobiles, scooters, construction machinery and vehicles
- Standard sizes:
 - Treads: ¾ in. x 24 in., 5 ½ in. x 5 ½ in., 6 in. x 24 in.
 - Tapes: a variety of widths from ¾ in. to 48 in. wide x 60 ft. long
 - Custom shapes and sizes are also available



610

Mineral Particles
for permanent slip resistance in all applications



Product Properties

Typical Properties	610 Black	620-B Clear	630 Safety Yellow
Applied Thickness	.028 in. (.711mm)	.036 in. (.914mm)	.036 in. (.914mm)
Applied Weight	2.4 oz./sq ft. (732 g/sq meter)	2.4 oz./sq ft. (732 g/sq meter)	2.4 oz./sq ft. (732 g/sq meter)
Minimum Application Temperature	40°F (4°C)	40°F (4°C)	40°F (4°C)
Maximum Service Temperature	175°F (79°C)	150°F (66°C)	150°F (66°C)
Coefficient of Friction MIL-PRF-24667 C*	Meets or Exceeds	Meets or Exceeds	Meets or Exceeds
Fire Retardancy NFPA 101 GSA classification FAA 25.855-F-1 FAA 25.853-F-1	Type I Class A Passes Passes	Type I Class A Passes Passes	Type I Class A Passes Passes
Chemical Resistance	Resists most chemicals	Resists most chemicals	Resists most chemicals

* Supersedes Military Specification MIL-D-17951 E to which this product is also qualified



Extra strong mineral particles
to prevent clogging in dirty and oily applications



3M™ Safety-Walk™ Coarse Tapes and Treads – 700 Series

Extra-large mineral particles and durable construction provide additional slip resistance in extreme conditions.

- For extreme, heavy traffic areas
- Extra-large abrasive mineral particles help provide a stable slip-resistant surface even in the presence of water or oil
- High performance adhesive creates excellent bond to most surfaces
- An open abrasive pattern resists clogging and reduces clean up time
- Applications: construction vehicles, ship and plane decks, trains, semi-trailers, oily wet areas, platforms and ramps, machine shops, agriculture and forestry equipment, recreational vehicles

- Standard sizes:
 - Treads: 6 in. x 24 in.
 - Tapes: a variety of widths from 4 in. to 24 in. wide x 30 ft. long
 - Custom shapes and sizes are also available

Product Properties



Typical Properties	710 Black	770 Gray
Applied Thickness	.048 in. (1.22mm)	.048 in. (1.22mm)
Applied Weight	5.51 oz./sq ft. (1720 g/sq meter)	5.51 oz./sq ft. (1720 g/sq meter)
Minimum Application Temperature	40°F (4°C)	40°F (4°C)
Maximum Service Temperature	175°F (79°C)	175°F (79°C)
Coefficient of Friction MIL-PRF-24667 C* DIN 51130 (ZH1/571)	Exceeds R13	Exceeds R13
Fire Retardancy, Smoke Density and Toxicity IMO A653 (16) & MSC 61-(67) FAA 25.855-F-1 FAA 25.853-F-1	Passes Passes Passes	Passes Passes Passes
Chemical Resistance	Resists most chemicals	Resists most chemicals

* Supersedes Military Specification MIL-D-17951 E to which this product is also qualified

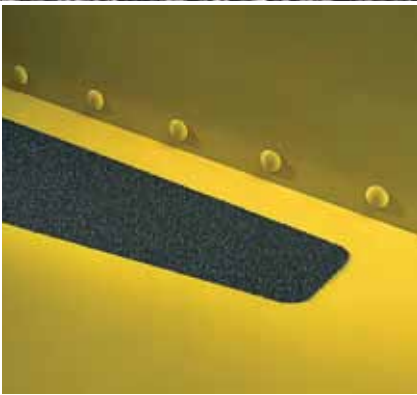


OEM Custom Converting and Die Cutting

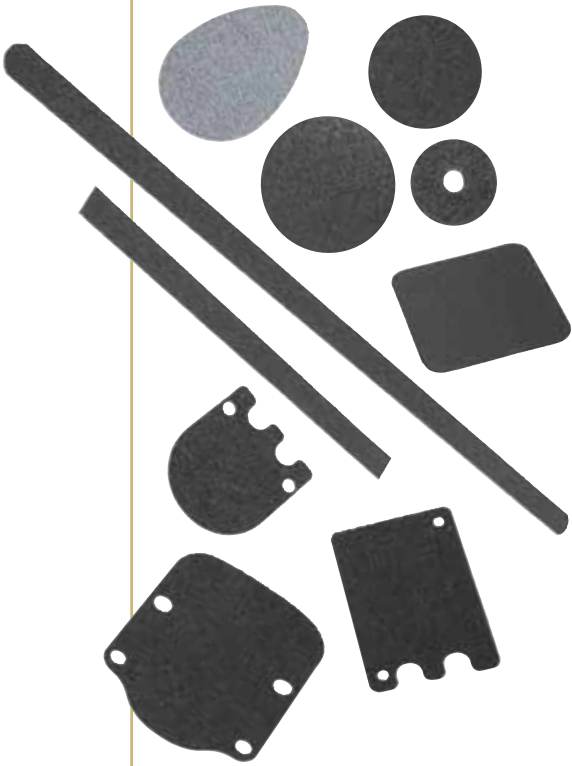
A.E. Blake Sales can expertly match 3M technologies to customer requirements with the form, fit and functionality for application success. When a specific product design or architect drawing calls for a non-slip surface or an equipment part needs a slip-resistant component added, 3M™ Safety-Walk™ materials can be easily die cut to meet your specific requirements.

3M™ Safety-Walk™ Slip-Resistant Products help provide traction on slippery surfaces and help meet OSHA and ADA static and dynamic coefficient of friction standards. In addition, the 500, 600 and 700 series products also meet or exceed Military Performance Specification MIL-PRF-24667 C covering non-skid systems.







Capabilities – A.E. Blake Sales can offer the following services:	Material Specifics
Die Cutting	Master roll size: 48 in. x 120 ft.
Laser Cutting	Slip-Resistant material types: Coarse, General Purpose, Conformable, Medium Resilient, Fine Resilient
Kiss Cutting	Colors: Black, Gray, Safety Yellow, Clear, White
Custom Length Cuts	Custom adhesives are available for powder coated paint applications
Slitting	
Kit Assembly	
Printing	
Engineering & Design Services	



Die Cutting Shape Samples



3M™ Safety-Walk™ Slip-Resistant Tapes and Treads Selection Guide

		Coarse 700 Series <i>extra-large mineral-coated polymer, slip-resistant material</i>	General Purpose 600 Series <i>mineral-coated polyester, slip-resistant material</i>
Commercial & Home		Oily/Wet Areas	Ladders • Step Stools • Lawnmowers • Marble, Tile and Concrete Floors • Produce, and Deli Sections in Supermarkets
Food Service		Oily/Wet Areas	Dishwashing, Laundry and Garbage Disposal Areas • Food Areas • Cafeterias and Dining Rooms • Food-processing Plants and Meat-cutting Stations • Walk-in Coolers/Freezers
Health Care		Ramps/Loading Ramps	Ramps • Heavy Traffic Corridors • Waiting Rooms • Laboratories • Surgical Suites • Emergency Rooms
Industrial Facilities		Ramps • Freight Elevators • Loading Docks • Platforms • Machine Shops • Auto Repair Shops • Garages • Airplane Hangars	Ramps • Freight Elevators • Loading Docks • Stairs and Stairwells • Ladders • Catwalks • Fire Escapes • Warehouse Floors • Facility Entrances
OEMs		Agriculture/Forestry Equipment • Construction Equipment/Vehicles • Farm Equipment including Livestock/Horse Trailers • Transportation Industry Vehicles including Bus, Aircraft, Rail, Cars, Semi-Trailers, Ship and Plane Decks and Barges	Cranes, Forklifts and Other Construction Equipment/Vehicles • Walkboards
Sports & Leisure		Oily/Wet Areas	Golf Carts • ATVs • Snowmobiles • Skateboards • Running Boards

Conformable 500 Series

mineral-coated moldable aluminum foil, slip-resistant material

Steps • Stairwells •
Doorways • Ladders and
Ladder Rungs • Step
Stools • Lawnmowers

Walkboards

Ramps/Loading Ramps

Ramps • Freight
Elevators • Loading
Docks • Stairs, Steps and
Stairwells • Ladders and Ladder
Rungs • Catwalks • Fire
Escapes • Platforms • Diamond
Plated, Irregular or Contoured
Walking Surfaces

Cranes, Forklifts and
Other Construction Equipment/
Vehicles • Conveyers •
Riveted Equipment

Riveted Equipment • Irregular
Surfaces or Platforms

Medium Resilient 300 Series

*non-mineral, medium textured,
slip-resistant vinyl*

Around Hot Tubs and
Pools • Sun Decks,
Balconies • Boats and Boat
Docks • Locker Rooms

Wheelchairs and Crutches •
Patient Bathroom Areas •
Grab Bars

Hand Railings, Grab Bars •
Locker Rooms

Conveyers

Locker Room Floors •
Showers • Around Hot Tubs
and Saunas • Exercise
Equipment • Docks • Diving
Boards and Around Swimming
Pools • Recreational Boats •
Windsurfers • Water
Skis • Water Bikes

Fine Resilient 200 Series

*non-mineral, fine textured,
slip-resistant vinyl*

Bathtubs and Showers •
Around Hot Tubs
and Pools • Wet or
Barefoot Areas

Around Therapy Tubs
and Saunas

Showers

Bathtub and
Shower Products

Showers • Saunas •
Personal Watercraft •
Surfboards • Around
Hot Tubs and Pools

3M™ Safety-Walk™ Slip-Resistant Tapes and Treads Accessories



3M™ Safety-Walk™ Primer 901

Prepares rough or
porous surfaces for
proper adhesion prior
to application of
3M™ Safety-Walk™
Slip-Resistant material.



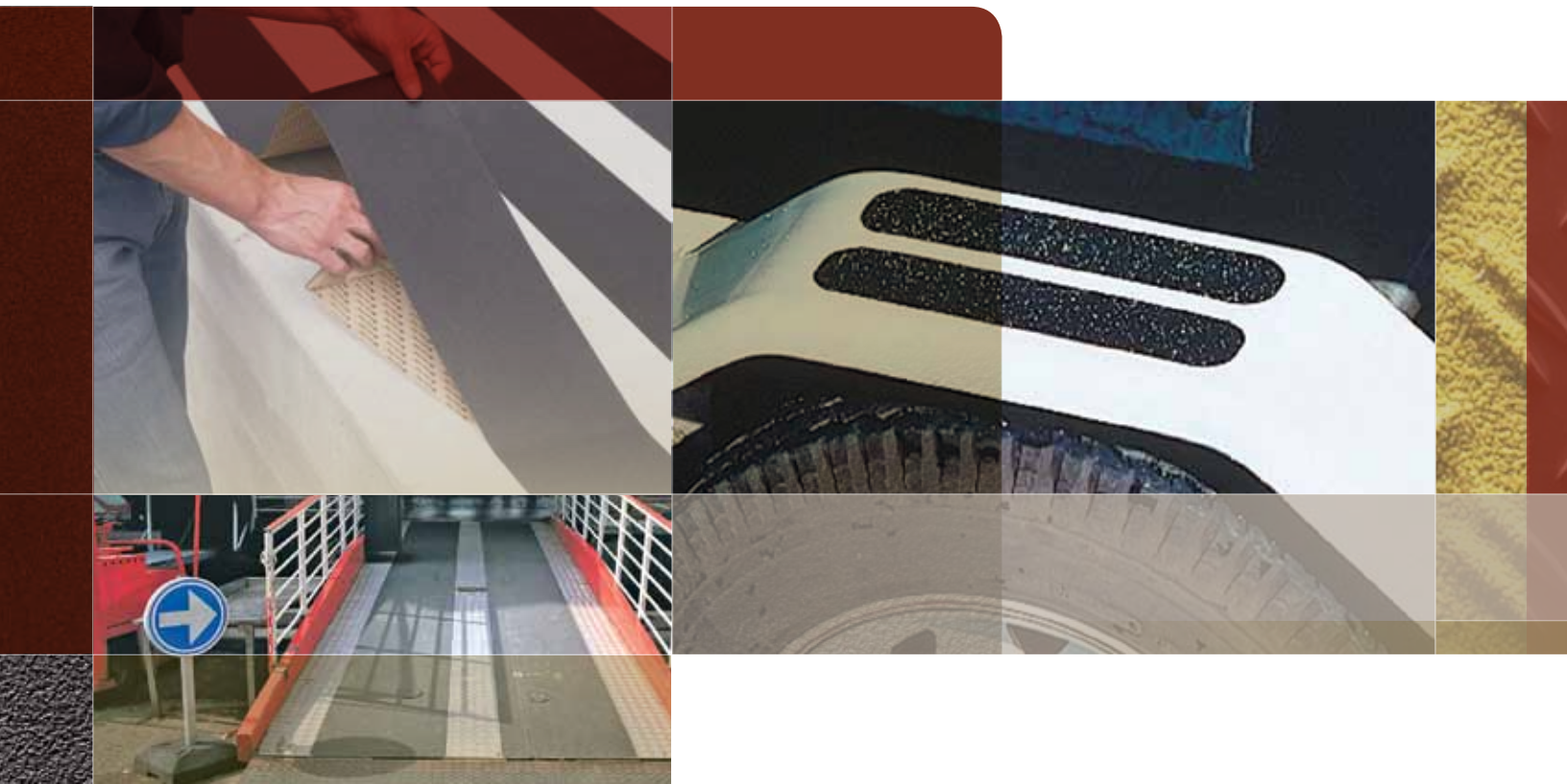
3M™ Safety-Walk™ Edge Sealing Compound 902

Protects exposed edges
of 3M™ Safety-Walk™
Slip-Resistant materials
from excessive moisture
or liquids.



3M™ Safety-Walk™ Rubber Hand Roller 903

Helps provide a firm
even bond when applying
3M™ Safety-Walk™
Slip-Resistant materials.



Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the performance and useful life of 3M™ Safety-Walk™ Slip-Resistant Tapes and Treads products, including the type and preparation of the surface, and the conditions of use. User is solely responsible for evaluating the product and determining whether it is fit for user's particular purpose and adequately maintained.

Warranty, Limited Remedy, and Disclaimer: 3M warrants that its 3M™ Safety-Walk™ Slip-Resistant Tapes and Treads products will be free from defects in material and manufacture at the time of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M™ Safety-Walk™ Slip-Resistant Tapes and Treads product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from its 3M™ Safety-Walk™ Slip-Resistant Tapes and Treads products, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.



**Building and Commercial
Services Division**

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