

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



Your Steps Matter

3M

3M™ Safety-Walk™ Products

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*26.9% of nonfatal occupational injuries and illnesses reported in 2012 that required days away from work were the result of slips or falls**

According to the US Bureau of Labor, in 2012 over twenty six 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™ Tapes and Treads to provide traction on slippery surfaces and help meet OSHA and ADA coefficient of friction recommendations.

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™ Tapes and Treads 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.

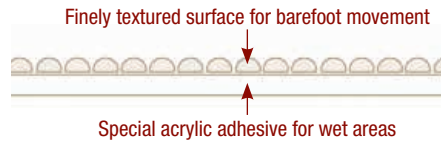
*Source: United States Dept. of Labor. Bureau of Labor Statistics. "NonFatal Occupational Injuries and Illnesses Requiring Days Away from Work, 2012." Nov. 26, 2013.



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 — see Converter information on page 9



3M™ Safety-Walk™ Slip Resistant Tapes and Treads Series 200, 300, 500 and 600 have been certified by the National Floor Safety Institute (NFSI) as providing "high-traction." A wet static coefficient of friction (SCOF) of greater than 0.60 was chosen by NFSI as the criteria for "high traction" because according to NFSI, floor surfaces maintaining this level of slip resistance when wet have proven to reduce slip-and-fall claims by between 50% and 90%.



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 NFSI High Traction	Meets or Exceeds Meets	Meets or Exceeds Meets	Meets or Exceeds Meets
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

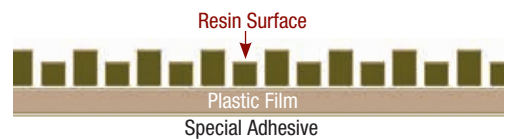


This fine-textured, slip-resistant material provides increased safety and comfort in light traffic barefoot areas. Available in 3/4 in. x 17 in. strips.

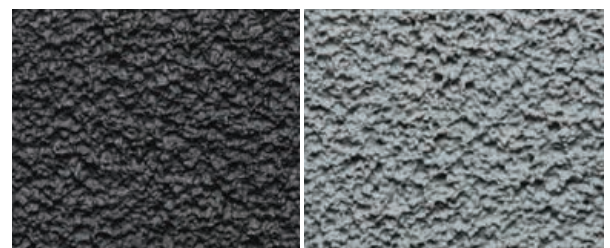
3M™ Safety-Walk™ Slip-Resistant Medium Resilient Tapes and Treads — 300 Series

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 polyolefin 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 — see Converter information on page 9



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 NFSI High Traction	Meets or Exceeds Meets	Meets or Exceeds Meets
Fire Retardancy NFA 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



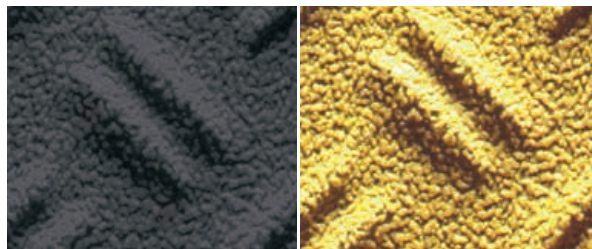
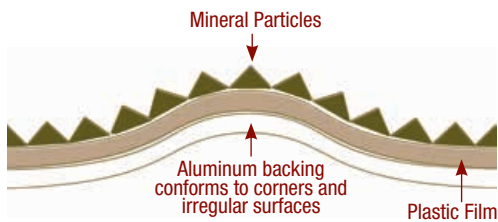
3M™ Safety-Walk™ Slip Resistant Tapes and Treads Series 200, 300, 500 and 600 have been certified by the National Floor Safety Institute (NFSI) as providing "high-traction." A wet static coefficient of friction (SCOF) of greater than 0.60 was chosen by NFSI as the criteria for "high traction" because according to NFSI, floor surfaces maintaining this level of slip resistance when wet have proven to reduce slip-and-fall claims by between 50% and 90%.



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

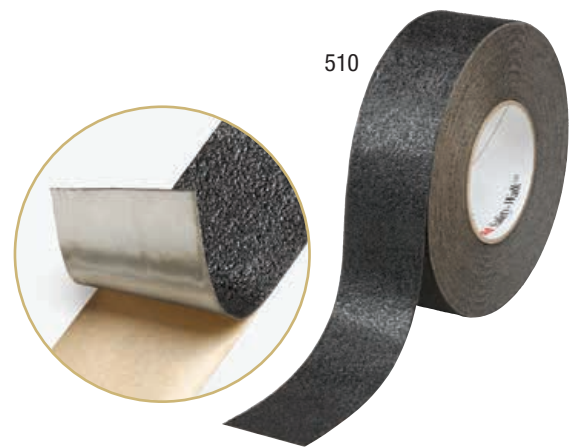
A high-friction, slip-resistant material that has a special pressure-sensitive adhesive backed aluminum film that conforms around corners and adheres to irregular surfaces.


- 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 — see Converter information on page 9



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 NFSI High Traction	Meets	Meets
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



NFSI  3M™ Safety-Walk™ Slip Resistant Tapes and Treads Series 200, 300, 500 and 600 have been certified by the National Floor Safety Institute (NFSI) as providing "high-traction." A wet static coefficient of friction (SCOF) of greater than 0.60 was chosen by NFSI as the criteria for "high traction" because according to NFSI, floor surfaces maintaining this level of slip resistance when wet have proven to reduce slip-and-fall claims by between 50% and 90%.

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.

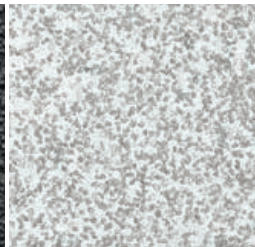
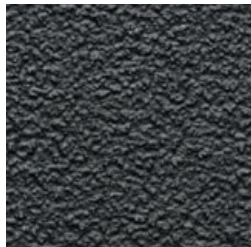
- For light to heavy shoe-traffic areas
- Mineral-coated, high friction slip-resistant surface
- Highly durable surface withstands the rigors of equipment traffic
- Low-profile design helps reduce trip hazard
- High performance pressure-sensitive adhesive for easy application
- Applications: flat surfaces, steps, stairways, entrances, ramps, ladders, lawn equipment, snowmobiles, scooters, construction machinery and vehicles
- Standard sizes:
 - Treads: 3/4 in. x 24 in., 5-1/2 in. x 5-1/2 in., 6 in. x 24 in.
 - Tapes: a variety of widths from 3/4 in. to 48 in. wide x 60 ft. long
 - Custom shapes and sizes are also available — see Converter information on page 9



NFSI **HIGH-TRACTION** 3M™ Safety-Walk™ Slip Resistant Tapes and Treads Series 200, 300, 500 and 600 have been certified by the National Floor Safety Institute (NFSI) as providing "high-traction." A wet static coefficient of friction (SCOF) of greater than 0.60 was chosen by NFSI as the criteria for "high traction" because according to NFSI, floor surfaces maintaining this level of slip resistance when wet have proven to reduce slip-and-fall claims by between 50% and 90%.



United States Coast Guard Approval Number: 164.117/50/0



Product Properties

Typical Properties	610 Black	620 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 NFSI High Traction	Meets	Meets	Meets
United States Coast Guard Approval Number	164.117/50/0	—	—
Fire Retardancy			
NFPA 101	Type I	Type I	Type I
GSA classification	Class A	Class A	Class A
FAA 25.855-F-1	Passes	Passes	Passes
FAA 25.853-F-1	Passes	Passes	Passes
Chemical Resistance	Resists most chemicals	Resists most chemicals	Resists most chemicals

3M™ Safety-Walk™ Slip-Resistant General Purpose Tapes and Treads — 600 Series met, and was on the qualified products list associated with, Military Specification MIL-D-17951 E, which was cancelled upon the release of Military Specification MIL-PRF-24667 C. The 600 Series is not presently qualified to, nor on the qualified products list associated with, any active Military Specification.

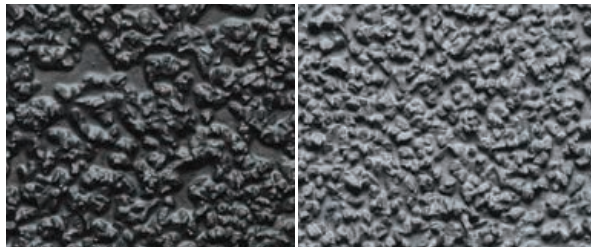


3M™ Safety-Walk™ Coarse Tapes and Treads — 700 Series

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

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



- 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 — see Converter information on page 9

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)	Meets R13	Meets 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

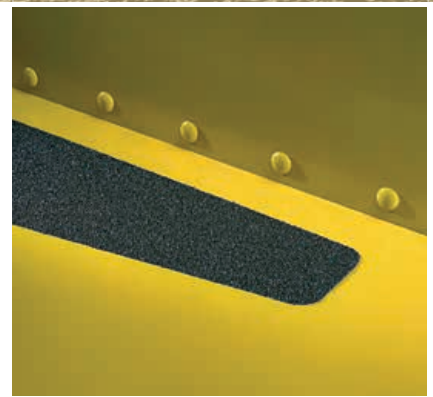


* 3M™ Safety-Walk™ Coarse Tapes and Treads 700 Series meets, and is on the qualified products list associated with Military Specification MIL-PRF-24667C Type XI Comp PS.

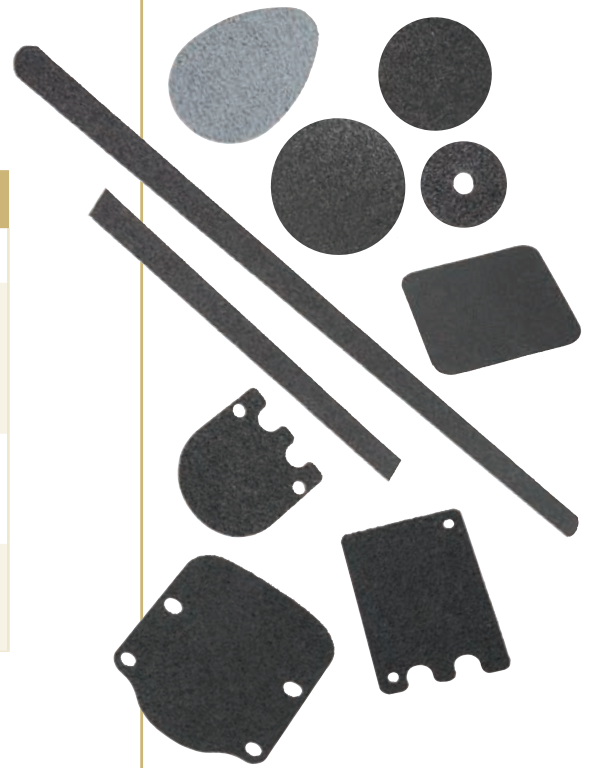
OEM Custom Converting and Die Cutting

3M's national network of authorized converters 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, 3M™ Safety-Walk™ Coarse Tapes and Treads 700 Series meets, and is on the qualified products list associated with Military Specification MIL-PRF-24667C Type XI Comp PS covering non-skid systems.



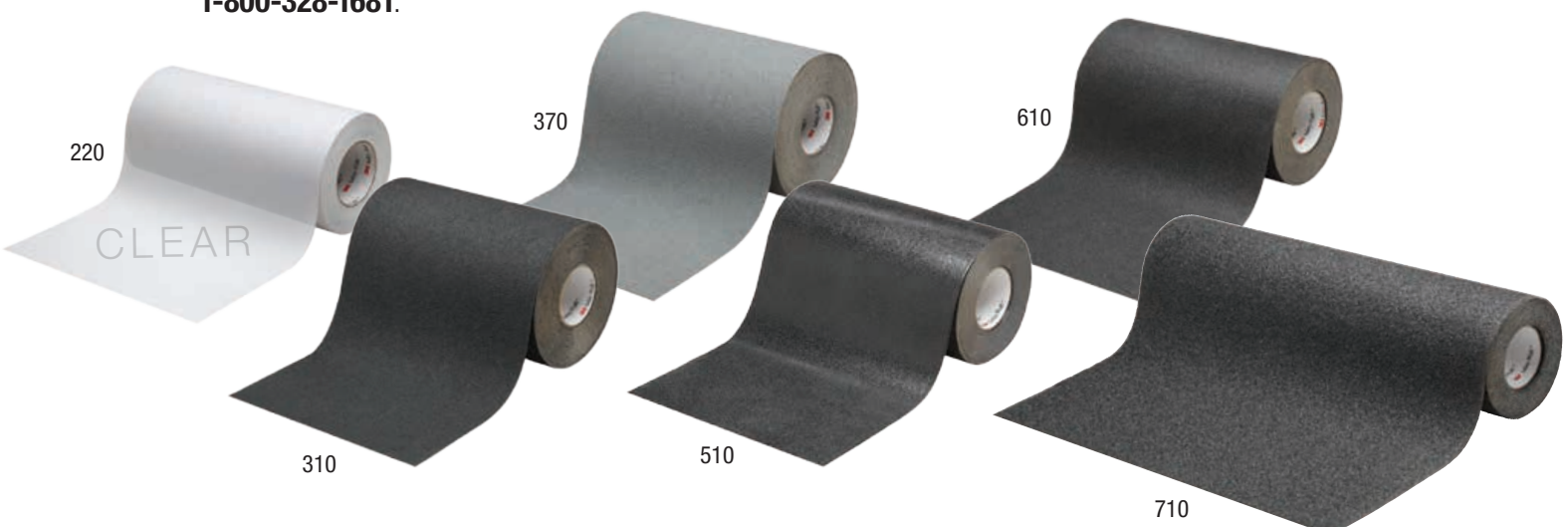
Die Cutting Shape Samples



Capabilities — 3M authorized converters can offer the following services†:
Die Cutting
Laser Cutting
Kiss Cutting
Custom Length Cuts
Slitting
Kit Assembly
Printing
Engineering & Design Services







Material Specifics
Master roll size: 48 in. x 120 ft.
Slip-Resistant material types: Coarse, General Purpose, Conformable, Medium Resilient, Fine Resilient
Colors: Black, Gray, Safety Yellow, Clear, White
Custom adhesives are available for powder coated paint applications

Visit www.3M.com/converter to learn more or contact our technical service line at **1-800-626-8578**. To find a 3M authorized converter contact **1-800-328-1681**.



† Please contact the converter directly for specific capabilities to meet the needs of your job.

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

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



3M™ Safety-Walk™ Primer

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



3M™ Safety-Walk™ Edge Sealing Compound

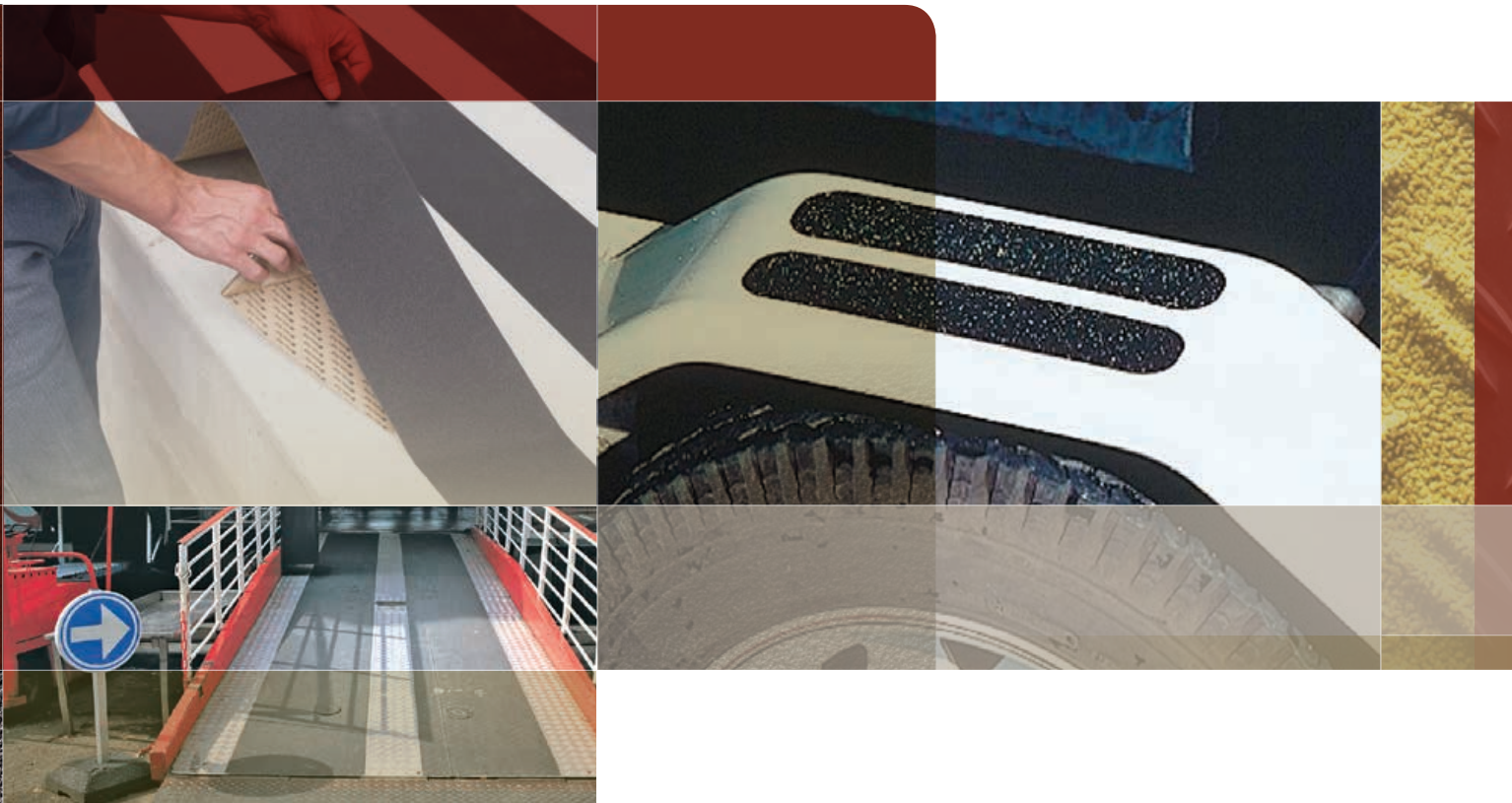
Protects exposed edges of 3M™ Safety-Walk™ Slip-Resistant Materials from excessive moisture or liquids.



3M™ Safety-Walk™ Rubber Hand Roller

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

Conformable 500 Series <i>mineral-coated moldable aluminum foil, slip-resistant material</i>	Medium Resilient 300 Series <i>non-mineral, medium textured, slip-resistant polyolefin</i>	Fine Resilient 200 Series <i>non-mineral, fine textured, slip-resistant vinyl</i>
Steps; Stairwells; Doorways; Ladders and Ladder Rungs; Step Stools; Lawnmowers	Around Hot Tubs and Pools; Sun Decks, Balconies; Boats and Boat Docks; Locker Rooms	Bathtubs and Showers; Around Hot Tubs and Pools; Wet or Barefoot Areas
Walkboards	—	—
Ramps/Loading Ramps	Wheelchairs and Crutches; Patient Bathroom Areas; Grab Bars	Around Therapy Tubs and Saunas
Ramps; Freight Elevators; Loading Docks; Stairs, Steps and Stairwells; Ladders and Ladder Rungs; Catwalks; Fire Escapes; Platforms; Diamond Plated, Irregular or Contoured Walking Surfaces	Hand Railings, Grab Bars; Locker Rooms	Showers
Cranes, Forklifts and Other Construction Equipment/Vehicles; Conveyers; Riveted Equipment	Conveyers	Bathtub and Shower Products
Riveted Equipment; Irregular Surfaces or Platforms	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	Showers; Saunas; Personal Watercraft; Surfboards; Around Hot Tubs and Pools



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.



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