

Product Description

3M™ Safety-Walk™ Coarse Tapes and Treads 710

The product consists of large abrasive particles bonded by a tough, durable polymer to a dimensionally stable plastic film. The reverse side is coated with a pressure-sensitive adhesive covered by a removable protective liner. When exposed to pedestrian traffic only, the product will stand at least 1 million crossings (approx. 3 years if 1,000 people walking over every day). Wheeled traffic will significantly reduce product life.

Standard Sizes: Refer to Standard Product Chart (Page 2)

Colour:

- Black 710

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

The product consists of abrasive particles bonded by a tough, durable polymer to a dimensionally stable plastic film. The reverse side is coated with a pressure-sensitive adhesive covered by a removable protective liner. When exposed to pedestrian traffic only, the product (except printed White 688) will stand at least 1 million crossings (approx. 3 years if 1,000 people walking over every day). Wheeled traffic will significantly reduce product life.

Standard Sizes: Refer to Standard Product Chart (Page 2)

Colours:

- Black 610
- Clear 620
- Yellow 630
- Yellow/Black Stripe 613
- White 688 (UV Inkjet printable)
- Black with Photo-luminescent strip 690

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

The product consists of abrasive particles bonded by a tough, durable polymer to aluminum foil. The reverse side is coated with a pressure-sensitive adhesive covered by a removable protective liner. The product is designed to stretch and conform to irregular surfaces such as diamond plating or flat surfaces with rivets or screw heads, ladder rungs, etc. When exposed to pedestrian traffic only, the product (except printed White 588) will stand at least 1 million crossings (approx. 3 years if 1,000 people walking over every day). Wheeled traffic will significantly reduce product life.

Standard Sizes: Refer to Standard Product Chart (Page 2)

Colours:

- Black 510
- Yellow 530
- White 588 (UV Inkjet printable)

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

The product consists of dimensionally stable plastic film coated with a textured resilient surface. The reverse side is coated with a pressure-sensitive adhesive covered by a removable protective liner. When exposed to bare foot traffic only, the product will stand at least 0.5 million crossings (approx. 3 years if 500 people walking over every day). Wheeled traffic will significantly reduce product life.

Standard Sizes: Refer to Standard Product Chart (Page 2)

Colours:

- Black 310
- Grey 370

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

The product consists of a fine textured resilient top surface. The reverse side is coated with a pressure-sensitive adhesive covered by a removable protective liner.

Standard Sizes: Refer to Standard Product Chart (Page 2)

Colours:

- Clear 220
- White 280

Accessories

3M™ Safety-Walk™ Primer

Primer is a solvent-based adhesive. It is to be applied to rough or porous surfaces before application of adhesive-backed products. 946 ml covers approximately 3.25 m².

Size: can (946 ml)

3M™ Safety-Walk™ Edging Compound

This is a liquid, solvent-based compound in a convenient tube applicator. The product fills in the exposed edges of Safety-Walk slip-resistant materials, providing extra protection from excessive moisture or liquids. One five-ounce tube (147 ml) seals approximately 23 m – 30 m.

Size: tube (147 ml)

3M™ Safety-Walk™ Rubber Hand Roller

Rubber Hand Roller helps provide a firm bond when Safety-Walk slip-resistant materials are applied.

Size: 15 cm overall length

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

Size	Width	Length	Black 710	Black 610	Safety Yellow 630	White 688	Clear 620	Safety Yellow /Black Stripe 613	Black PL 690	Black 510	White 588	Safety Yellow 530	Black 310	Grey 370	White 280	Clear 220
3/4" x 24	19,05 mm	7,32 m		X												
6" x 24	152,4 mm	7,32 m		X												
2" x 30	50,8 mm	9,14 m														
3" x 30	76,2 mm	9,14 m														
4" x 30	101,6 mm	9,14 m														
6" x 30	152,4 mm	9,14 m							X							
3/4" x 60	19,05 mm	18,3 m		X	X		X									
1" x 60	25,4 mm	18,3 m	X	X	X		X	X					X	X	X	X
2" x 60	50,8 mm	18,3 m	X	X	X		X	X		X		X	X	X	X	X
4" x 60	101,6 mm	18,3 m	X	X	X			X		X			X	X	X	
6" x 60	152,4 mm	18,3 m	X	X			X	X		X			X			
12" x 60	304,8 mm	18,3 m	X		X		X	X		X			X	X		
20" x 60	508 mm	18,3 m		X												
24" x 60	609,6 mm	18,3 m	X	X			X	X		X			X	X		
28" x 60	711,2 mm	18,3 m												X		
32" x 60	812,8 mm	18,3 m												X		
36" x 60	914,4 mm	18,3 m	X										X	X		
48" x 60	1,22 m	18,3 m	X	X		X	X				X					X
12" x 120	304,8 mm	36,58 m	X													
24" x 120	609,6 mm	36,58 m	X													
49,25" x 120	1,25 m	36,58 m		X			X									
48" x 150	1,22 m	45,72 m				X					X					
48" x 164	1,22 m	50 m					X									
24" x 246	609,6 mm	75 m											X			
24" x 250	609,6 mm	76,2 m		X												
2" x 328	50,8 mm	100 m														X
49,25" x 332	1,25 m	101,2 m		X			X									

Product Selection Guide

Application/Type of 3M™ Safety-Walk™ Slip-Resistant Tapes and Treads

Applications	Coarse 710 Black	General Purpose 600 Series	Conformable 500 Series	Medium Resilient 300 Series	Fine Resilient 200 Series
Farm Machinery	X	X	O		
Construction Equipment Forklifts Cherry pickers	X	X	O		
Steps, stairs, and platforms		X	O		
Recreational Vehicles Snowmobiles ATVs Garden tractors Lawn mowers	X	X	O		
Wet and oily areas	X	X	O		
Loading docks Cold storage Catwalks Platform/ramps	X	X	O		
Ladders Step stools Scaffolds		X	O		
Airplane decks/cargo holds Trains Semi-trailers Buses Ships decks	X	X	O		
Water skis Surf boards Jet skis Boats				X	
Swimming pools Pool accessories Diving boards				X	
Bath area Showers				X	X
Bathtubs					X
Conveyors Pulleys				X	
Food service area*		X		X	
Machine shops Auto repair shops Garages	X				

- X Recommended for flat or smooth surfaces
O Recommended around corners or for irregular surfaces
* Not recommended for application on greasy quarry tiles


Typical Properties

Product Attribute	Coarse 710 Black	General Purpose 600 Series				Conformable 500 Series	Medium Resilient 300 Series	Fine Resilient 200 Series
Color	Black 710	Black 610	Clear 620 Safety Yellow 630 White 688	Safety Yellow/ Black Stripe 613	Black PL Strip 690	Black 510 Safety Yellow 530 White 588	Black 310 Grey 370	Clear 220 White 280
Applied Weight (g)/m²	1680	730	730	730	730	850	830	640
Applied Thickness (mm)	1.27	0.71	1.01	1.01	1.01	1.00	1.17	0.51
Minimum Application Temperature	4° C	4° C	4° C	4° C	4° C	4° C	4° C	10° C
Minimum Service Temperature*	-40° C	-40° C	-40° C	-40° C	-40° C	-40° C	-10° C	-10° C
Maximum Service Temperature*	79° C	79° C	79° C	79° C	79° C	79° C	79° C	66° C

* not for extended periods of time at the extremes

Flammability

Flammability standards are different from country to country. Ask your local 3M contact for details, please. The following table shows the European Standard (EN).

Product Attribute	Coarse 710 Black	General Purpose 600 Series	Conformable 500 Series	Medium Resilient 300 Series	Fine Resilient 200 Series
DIN EN 13501-1 Interior building applications	Cfl s1	610: Bfl s1 613: Cfl s1 620: Bfl s1 630: Bfl s1 688: Bfl s1 690: Cfl s1	510: Bfl s1 530: Bfl s1 588: Bfl s1	310: Bfl s1 370: Bfl s1	220: Bfl s1 280: Bfl s1 ---
DIN EN 45545-2 R10 Interior railway applications for floors	HL2	610: HL2 613: HL2 630: HL3 688: HL3 690: HL1	530: HL2 588: HL3	---	---
2010 IMO FTP Code, Annex 1 Parts 2 and 5 	---	610: U.S Coast Guard	---	---	---

Slip Resistance

DIN 51130 and ASR A1.5/1,2 Value	Coarse 710 Black	General Purpose Black 610	General Purpose 620, 630	General Purpose 613, 688, 690	Conformable 500 Series	Conformable 588	Medium Resilient 300 Series	Fine Resilient 200 Series
Friction (dry)	R13	R13	R13	R13	R13	R13	R10	R10
Volume (ml/dmsq)	V8	V4	V4	-	V4	-	V4	-

Note:

3M™ Safety-Walk™ General Purpose 688 and 3M™ Safety-Walk™ Slip-Resistant Conformable 588 treads both offer the feature of digital UV inkjet printability. The slip resistance mentioned in the table above refers to unprinted products. The slip resistance of printed products may decrease depending on the total amount of ink coverage.

Chemical Resistance

Use this guide to help select the proper 3M™ Safety-Walk™ Slip-Resistant Tapes and Treads when exposure to chemicals is anticipated.

Fine Resilient Clear may turn cloudy during continuous immersion in water. It will regain clarity after it dries. Colors may be affected by extended exposure to some chemicals.

Color	Black 710	Black 610	Clear 620 Safety Yellow 630 White 688 (unprinted)	Safety Yellow / Black Stripe 613	Black PL 690	Black 510 Safety Yellow 530 White 588 (unprinted)	Black 310 Grey 370	Clear 220 White 280
Water	R	R	R	R	R	R	R	R
Bleach	R	R	I	I	R	I	R	R
1% Hydrochloric Acid	R	R	R	R	R	R	R	R
1% Sodium Hydroxide	I	I	NR	I	I	NR	R	R
Detergent (1% in water)	R	R	R	NR	NR	R	R	R
Soap (1% in water)	R	R	R	I	I	R	R	R
Isopropyl Alcohol	R	R	R	I	I	R	R	I
Motor Oil	R	R	R	R	R	R	R	R
Hydraulic Fluid	NR	NR	R	R	R	I	R	NR
Peanut Oil	R	R	R	R	R	R	R	R
Methyl Ethyl Ketone	I	I	I	I	I	I	I	NR
Mineral Spirits	R	R	NR	I	I	NR	NR	NR
Gasoline (Unleaded)	NR	NR	IC	NR	NR	NR	NR	NR
25% Sulfuric Acid Water	R	R	I	R	R	IC	R	R
50% Antifreeze in Water	R	R	R	I	R	R	R	R
Windshield Washer Fluid	R	R	R	R	R	R	R	R
Diesel Fuel	R	R	I	I	I	I	NR	NR
Salt Water	R	R	R	R	R	R	R	R

R - Recommended, generally not continuous immersion

I - Recommended for intermittent exposure only

IC - Can stand incidental contact, provided cleaning/rinsing is performed after exposure

NR - Not recommended

Surface Preparation

Surface	Solvent Wipe ¹	Strip Floor Finish; Degrease; Wash and Rinse ²	Prime Coat Recommended
Bare metal/polyethylene/propylene	X		No
Painted metal or plastic/painted wood/gel-coated fiberglass/epoxy-coated floor ³	X	X	No
Rough or smooth porous concrete		X	Yes
Painted or coated smooth concrete		X	No
Vinyl tile/marble/terrazzo/ceramic		X	No
Quarry Tile ⁴		X	Yes

1 - Use solvent suitable for removing grease and oil. Follow manufacturer's directions for proper handling.

2 - Use detergent, degreaser or stripping chemical as appropriate.

3 - Untreated and treated wood must be painted before application of any 3M™ Safety-Walk™ Slip-Resistant Materials.

4 - Not recommended for use in commercial kitchens.