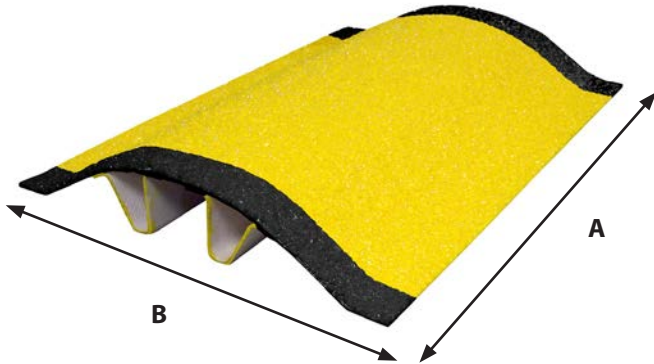


Hi-Traction® Anti-Slip Pipe & Cable Covers

Safeguard® Hi-Traction® Anti-Slip Pipe & Cable Covers create a safe pedestrian walkway over exposed pipes, cables, hoses, or other trip hazards. Lightweight and cost-effective, the covers are pre-fabricated for quick and easy installation. Secure with mechanical fasteners or liquid adhesive. Pre-drilled holes are available.

Custom sizes and styles are available.



BASE MATERIALS
3/16" (4.76 mm) Pultruded Fiberglass (FRP)
1/4" (6.35 mm) Heavy Duty Aluminum, 60/61 T Marine Grade

FRP STANDARD LENGTHS (A)	FRP STANDARD PROFILE - WIDTH (B)
24"	
36"	
48"	
60"	
Custom lengths to maximum 10'	

ALUMINUM STANDARD LENGTHS (A)	ALUMINUM STANDARD PROFILE - WIDTH (B)
36" includes four pre-drilled holes 7/32" in diameter	
Custom lengths available	

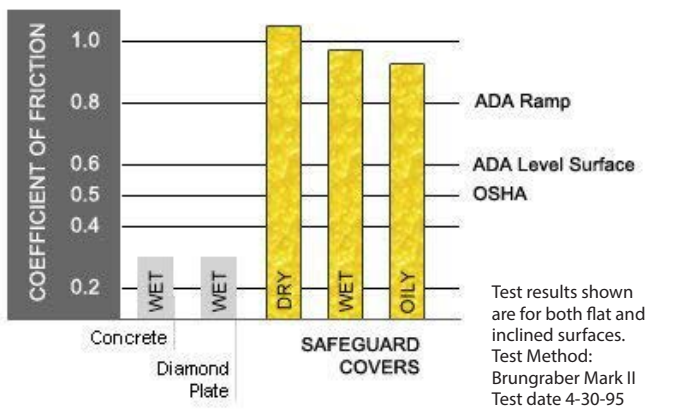
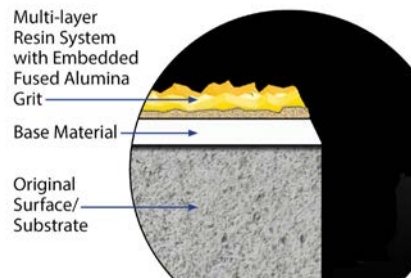
PRE-DRILLED HOLES/SLOTS		RECOMMENDED FASTENERS				
#8 screws  7/32" (5.55 mm)	#10, #12 screws  9/32" (7.14 mm)	Wood  Self-tapping/ drilling screws	Concrete  Masonry screws and anchors	Solid Metal  Nuts, bolts, pop rivets, and self-drilling screws	Open Grating  Saddle clips, nuts, and bolts	Adhesive/ Sealant  Sikaflex 252
Custom size holes, slots, and placements are available						

Select the appropriate fastener for the substrate to be covered. A combination of mechanical fasteners and adhesive may be used. Sikaflex 221 may be used to seal edges to deter corrosion. *Fasteners and pre-drilled/slotted holes are available upon request.*

Safeguard Hi-Traction® Anti-Slip Pipe & Cable Covers

The Safeguard anti-slip surface is an engineered combination of epoxy, resin, and fused alumina aggregate which is bonded to a variety of base materials.

- Covers are installed over existing substrate with mechanical fasteners or adhesive.
- Pre-drilled holes/slots and fasteners are available upon request.
- After installation, Cover edges may be sealed with adhesive for corrosion protection.
- Custom covers can be made to your specification. Send detailed requirements to receive a free consultation and quote:
 - size and shape of item to be covered
 - base material desired
 - grit size or conditions of area to be covered
 - color plus any logo or messages desired



Independent Testing (1/8" FRP base unless noted)		
Smoke & Flame	ASTM E648 NFPA 253 FTM Std 372	Average Critical Radiant Flux: 1.04 Watts/cm ² 0.93 Watts/cm ² (Vinyl)
	ASTM E662 NFPA 258	Average Maximum Density Corrected (Flaming): 176 Average Specific Optical Density at 4.0 Minutes: 187
		Average Maximum Density Corrected (Non-Flaming): 341 Average Specific Optical Density at 4.0 Minutes: 311
	ASTM E84	Flame Spread: 20 Smoke Developed: 400
Wear	FMVSS 302	Passed
	Simulator: 30,000 cycles, 400 pounds	Little wear at end of test: Approximately 0.013 inch (0.33 mm) between worn and unworn sections of Cover
Impact	Approx. 138 Joules (17 lb. pendulum), 60°F	Slip resistant coating detached at point of impact only. No shattering occurred.
Thermal Shock	Range: -40°F to 150°F	After 20 cycles, visual inspection for cracking or melting revealed no sign of damage
Weathering	ASTM D4587	Lightness/Darkness (L*) - small change Redness/Greenness (a*) - small decrease Yellowness (b*) - slightly larger decrease Luminescence Retention (HiGlo-Traction): 100% after 158 hours 90% after 200 hours

GRIT SIZES	
Super Coarse	#3/6 Mesh
Extra Coarse	#10 Mesh
Coarse	#20 Mesh
Fine	#24 Mesh
Extra Fine	#36 Mesh
Super Fine	#54 Mesh

Fused Alumina Properties
Mohs Hardness Scale: 9.4
Comparison: Diamond: 10 Silica/Sand/Quartz: 6-7

Descriptive Markings, Messages, and Logos

Images and messages are embedded into the resin to last for the life of the product.

CRITICAL MESSAGES
"Watch Your Step"
Pictograms
Directional Guidance
Corporate Logo or Safety Message
PPE Requirements
Glow-in-the-Dark (background)
Your Custom Message

STANDARD COLORS	
Safety Yellow	Black
Red	White
Beige	Blue
Brown	Fluorescent Green
Gray	Fluorescent Orange
Green	Fluorescent Pink
Orange	PPE Blue

PREMIUM COLORS	
Speckle Photo	Ipswitch Olive
Bainbridge Blue	Hudson Hunter
Grand River Gray	Brisbane Brick Red
PM Salmon	Ekriz Brown
Newbury Sky	Geauga Green
Mentor Sand	Erie Blue
Chagrin Chocolate	Garfield Gray

Custom colors also available

HiGlo-Traction®

Safeguard® HiGlo-Traction® Covers glow in the dark, producing light to call attention to the change in surface level during a power outage. Photoluminescent pigment lasts for the life of the Cover.

PHOTOLUMINESCENT HiGlo-Traction® COLORS
Glo-Yellow
Glo-White
Glo-Pink
Glo-Lime
Glo-Green
Glo-Orange

Two-Tone Configuration

Contrasting color on the perimeter of a Pipe & Cable Cover designates a safe walking zone.

