



# GECKTOE GRIP

GLOBAL NO,1 SLIP RESISTANT TECHNOLOGY



**Industry-Academia  
Collaboration Research**



February 02, 2015, GECKTO Grip Corporation Established  
May 01, 2016, Moved to Korea University of Technology and  
Education Start-up Research Lab  
(Performed a mid-term research project of industry-academia  
collaboration technology development project)  
(Research topic : Development of slip-resistant-type shoes)

**Slip-resistant  
outsoles & shoes**



Place of Business  
Manufacture and sale of Slip-resistant outsoles &  
shoes

**Patent**



October 2016, Golf shoes with  
improved grounding grip force  
April 2017, Slip-resistant shoes with  
improved grounding grip force  
September 2017 Insoles with double structure formation

**Certifications & Awards**



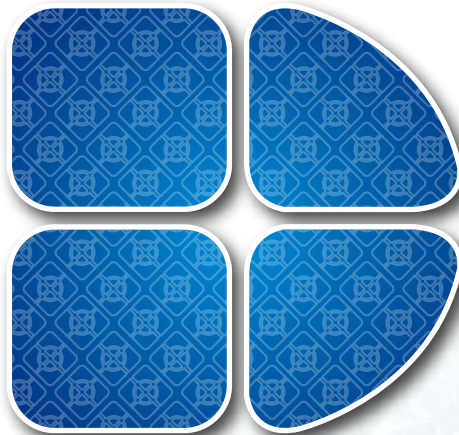
April 2015, Venture Business Certification  
May 2015, Gold Prize at World Women's Invention  
Contest held in South Korea



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## OUR INNOVATIONS START WITH YOU

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SHIELD OF SAFETY

Safety, Comfort, and Design Revealing the  
Pride of Qualified Specialists

**GECKTOE GRIP**

## The Great Slip Resistant Technology

### UNIQUE RUBBER COMPOUND



Rapid draining function to prevent the hydroplaning phenomenon, to improve WET GRIP force and to maximize guaranteed slip-resistant function



Application of special filler-friendly polymer and a strong grounding grip force on the icy road to provide stability and to demonstrate the very best WINTER performance



Amazing slip-resistant function with friction and adhesion like the powerful soles of gecko lizards

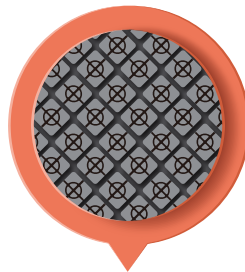


Maximizing the bond strength between silica and polymer to enhance SNOW/ICE GRIP performance

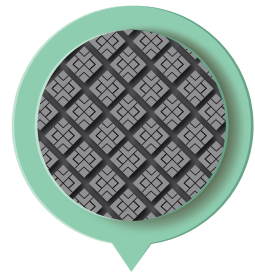
### GECKTOE GRIP Outsole Design Innovation



GECKTOE GRIP GNG-01



GECKTOE GRIP GNG-02



GECKTOE GRIP GNG-03

## FUNCTIONALITY OF SLIP-RESISTANT SOLES

### Shoes With Excellent Grounding Grip Force Elastic Material For Shoe Soles

- Outstanding slip-resistant performance even in special external environments to enhance safety.
- Continuous maintenance of abrasion-resistant and slip-resistant function
- Functionality to secure safety at all times due to immediate responses to urgent road-surface changes

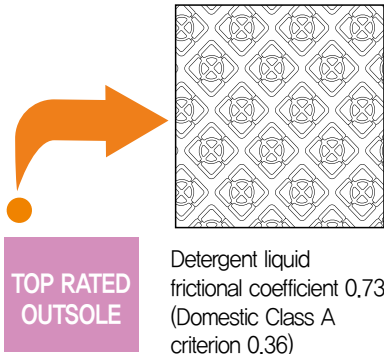
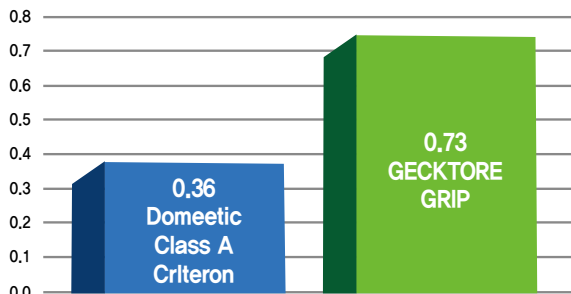
### Effects of Slip-Resistant Functionality

- In normal walking activity, slip-resistant soles do not interfere with walking function at all.
- When applied to the sports requiring instant actions after abrupt stopping (e.g., badminton, table tennis, tennis, basketball etc.), instant agility is displayed due to excellent grounding grip force.
- In the case of the motions in golf, tennis etc. in which the rotational repulsive force of the upper body is required, the more firmly the lower body is fixed, the higher becomes the rotational repulsive force, that is, so-called spring release phenomenon, so superb grounding grip force is thereby transferred.

# The Great Slip Resistant Technology

Comfortable Feeling Of Wearing, Stability And Improved Grounding Grip Force

## Slip-Resistant Class (Korea Occupational Safety and Health Agency)



Safety Certification Criteria, Ministry of Labor Notification No. 2008-77

※ Based on the slip-resistant performance test (grade 1 for detergent, grade 1 for glycerin) by the Occupational Safety and Health Agency No. 1 in the coefficient of friction exceeding 0.36

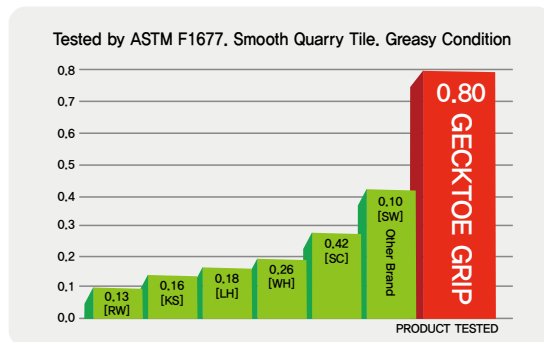
## INTERNATIONAL SLIP-HAZARD CRITERIA

UK HSL Slip Hazard Category	
C.O.F	Slip Hazard
0.00 – 0.24	Very high
0.25 – 0.35	Medium
0.35 – 0.64	Low
> 0.65	Very low

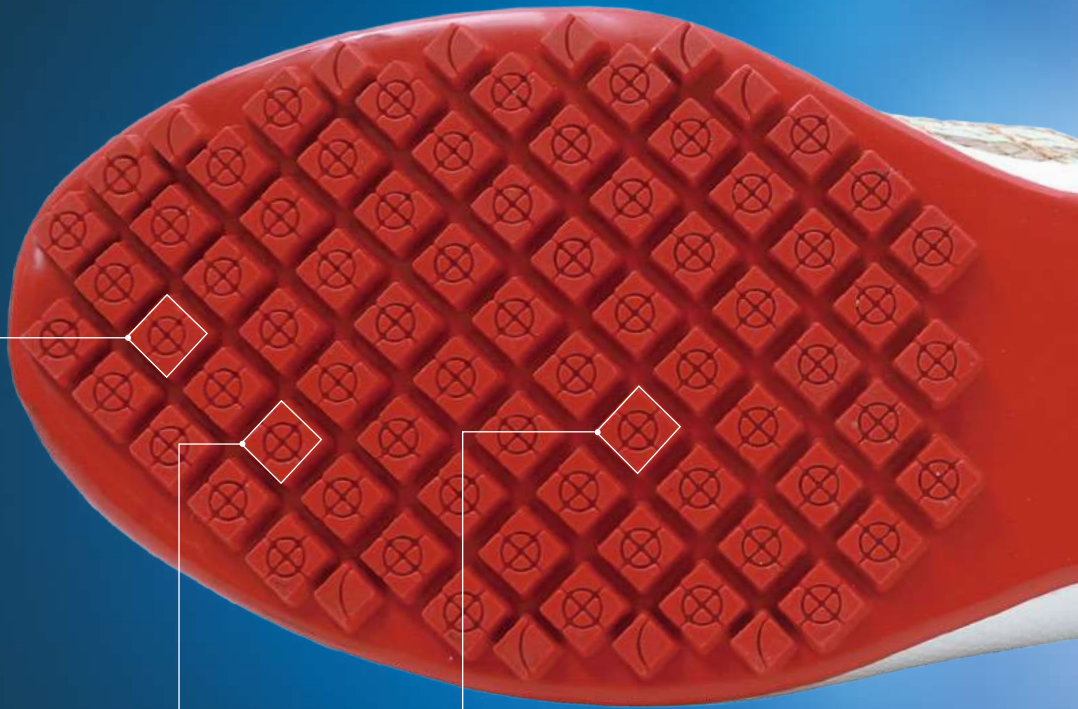
US ANSI/NFSI Slip Hazard Category	
SCOF	Slip Hazard
0.00 – 0.39	Risky (low friction)
0.40 – 0.59	Attention needed (limit friction)
≥0.60	Safe (high friction)

## SLIP-RESISTANCE TEST RESULTS

Test result were conducted on very smooth, restaurant Quarry tile, and coated with Crisco brand shortening by Brungraber Mark II Slip Tester according to ASTM standard F1677.



## The Great Slip Resistant Technology



### UNIQUE RUBBER COMPOUND

New elastic material with rubber quality



### AQUA DRAINAGE CONTROL TECHNOLOGY

Quick drainage function of outsoles, prevention of hydroplaning



### OPTIMIZED SQUARE BLOCK

Flexibility through block segmentation and increased area of optimized grounding grip force to prevent sliding on slippery roads in rain or snow



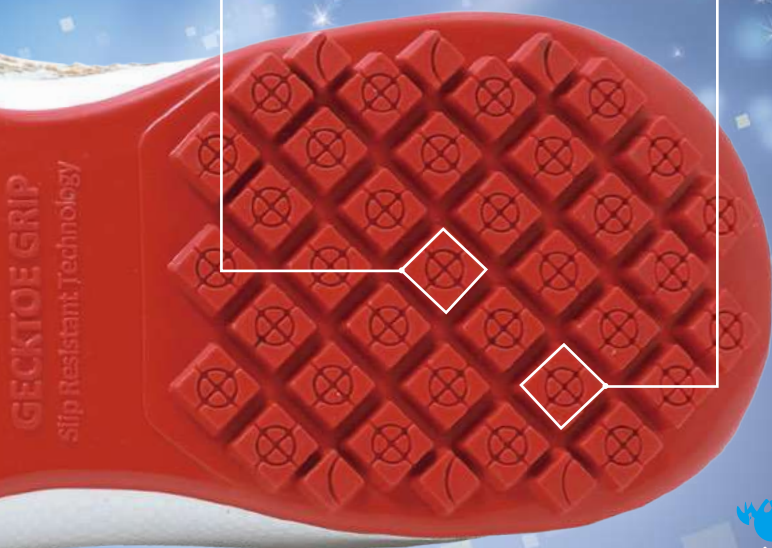
### DOUBLE TREAD BLOCK

Improved grounding grip force even in the process of wear



### AQUA INCLINE

Widened cross-sectional area to improve grounding grip force on the road surface  
Widened cross-sectional area to improve grounding grip force on the road surface



## ► Slip Resistant Technology on Various Floor Conditions



ICE GRIP



AQUA DRAINAGE



WET GRIP



SNOW GRIP



OIL GREASY GRIP



GECKTORE GRIP

STABILITY SHOE

GECKTORE GRIP



# GOLF SHOES

Sport Technology for All Day Comfort

## Functional Features

- Improved impact accuracy due to fixing of the lower body and increased driving distance
- Preventing the risk of ankle injury due to uneven terrain
- Reduced foot fatigue even after long rounding
- Improved grounding grip force to provide stability when swinging.
- Improved grip force with optimized square block sole and block segmentation

# CLIMBING SHOES

The best slip resistant compound  
GECKTOE GRIP in the Climbing on our shoes!



## Functional Features

- Avoiding the risk of ankle injury due to uneven terrain
- Reduced foot fatigue even after long-distance hiking
- Superb grounding grip force even on granite and any other kinds of rocks, and excellent slip-resistance function especially on slippery ground.
- Functionality to secure safety at all times due to immediate responses to urgent road surface changes



STABILITY SHOE

GECKTORE GRIP

# Premium Eco Smart Wool Shoes

GECKTOE GRIP reduce the slip and fall incidents in your working.



## Functional Features

- Premium Eco Smart Wool : Maximize breathability to live eco-friendly fibers that regulate the humidity yourself
- Outstanding relief for the knees and the waist of shocks by a triple-layer, shock-absorbing device
- Minimal tiredness due to ultra light weight
- Supreme ankle protection and support features to ensure comfortable fit
- Exceptional slip resistant features



# MULTI-SPORT SHOES

SHOES FOR THE LOVE OF SPORT

## Functional Features

- Strong power induced by fixing the lower body
- Ankle burden relief during jumping and sudden operation
- Minimizing shock by load distribution effect from using the grid pattern of new material rubber
- Extraordinary slip-resistant function on indoor floors
- Improved grounding grip force by the micro patterns by balancing the lower body on uneven ground.



STABILITY SHOE

GECKTORE GRIP

# INDUSTRIAL SAFETY SHOES

GECKTORE GRIP creates safer  
workplace in all industries.



## Functional Features

- Preventing ankle injuries due to falling, collapsing, or slipping
- Relieving the long-time workers of foot fatigue
- Functionality to secure safety at all times due to immediate responses to urgent road-surface changes

# Resort Lifestyle shoes

GECKTOE GRIP will be your shield for your safety on slippery & wet floor!



## Functional Features

- Resort fashion, resort lifestyle
- Resort look & plus sportiness and comfort, fashion look
- Minimal tiredness due to ultra-light feeling
- Superior ankle protection and comfortable fit



STABILITY SHOE

GECKTOE GRIP



## Work Boots&Clogs

GECKTOE GRIP will be your shield for  
your safety on slippery & wet floor!

### Functional Features

- Impact absorption from the ground by special EVA material
- Lightweight and superb cushioning for comfortable feet when wearing for a long time
- Environmentally friendly odorless material harmless to the human body
- Scientific outsole design to prevent slipping on water or oil
- Quantum EVA made ultralight with new materials, to keep the feet healthy

# SPORT SANDALS

GECKTOE GRIP will be your bodyguard for your safety on slippery & wet floor!



## Functional Features

- Eco-friendly EVA material with luxurious design
- Outstanding cushion that absorbs shock to reduce foot fatigue and to improve comfort
- Slip-resistance function for safety on slippery surfaces
- Ultra light weight to maximize cushioning





# GECKTOE GRIP

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