

TIMBERLAND PRO® Wildcard Composite Toe Fabric Plate



TB0A1GSW001



Men's 3.5-12 13 14 15 M

FEATURES:

- Premium Synthetic Upper
- Composite safety toe
- Injection Molded TPU Shank
- Padded top collar
- Agion Antimicrobial treatment for odor control
- Cement Construction
- 550 Grams (Size 9W ½ Pair)

VIBRAM RUBBER OUTSOLE WITH EVA MIDSOLE:

- Single unit outsole
- Slip resistant
- Oil resistant per SATRA TM63
- Heat Resistant up to 572°F using EN/ISO 20344:2004 (300°C)
- Abrasion resistant
- Non Marking

3mm POLIYOU ESD FOOTBED:

- Self-molding for custom fit
- Durable resists compression set over time
- Resilient: recovers for the next footstrike
- Lightweight
- Moisture-wicking and air-permeable
- Consistent static-dissipative performance

Agion Antimicrobial:

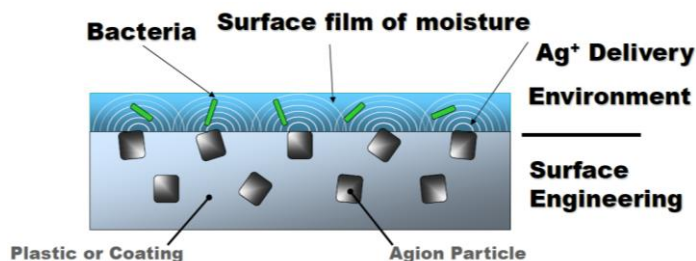
Antimicrobial technology is used in various products to help keep them clean. It offers built-in protection by continuously resisting the growth of microbes

Smart Technology

Agion is designed to automatically release its antimicrobial components when conditions for bacteria growth are present. This capability results in lasting product protection against microbes.

Trimodal Efficacy

Agion utilizes a zeolite carrier to provide its active ingredients, such as ionic silver, which fights microbes by preventing respiration, inhibiting cell division and disrupting cell metabolism



Zeolite particle delivers Ag⁺ over short range
Does not require direct contact with treated surface
When moisture dries, Ag⁺ is complexed in low-solubility compounds

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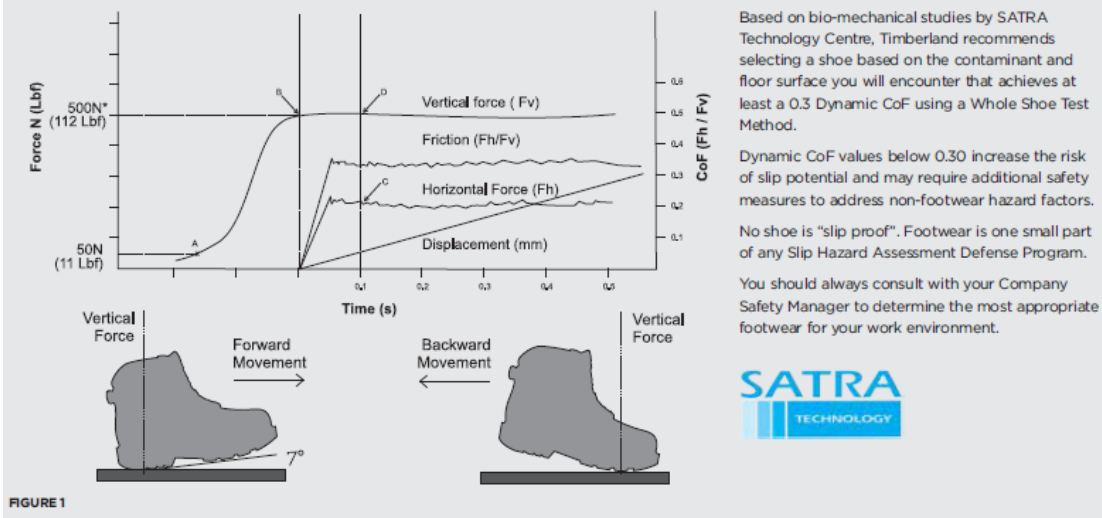
SLIP TEST RATING ASTM F2913-11 WHOLE SHOE SLIP TEST

To ensure we design and construct the best possible footwear for maximum performance on the job, Timberland PRO has used an international whole shoe slip test method to determine slip resistance. Testing is conducted at a third party, independent SATRA certified test lab. This method was recently adopted by the American Society for Testing and Materials (ASTM) in F2913-11.

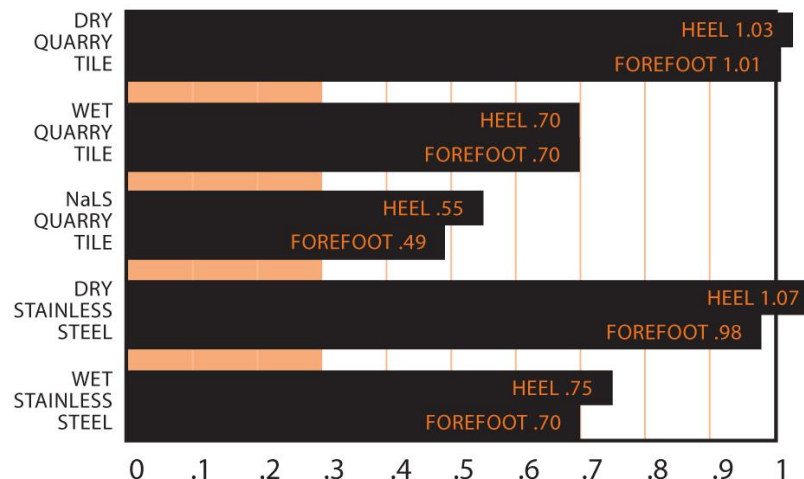
Slip resistance testing is used to determine the "Coefficient of Friction" or CoF. CoF is the ratio of two forces acting at the interface of two contacting solid bodies. There are two types of CoF: Static Coefficient of Friction is related to the force to begin movement of the surfaces relative to each other; while Dynamic (Kinetic) Coefficient of Friction measurement is obtained during movement between two contacting solid bodies.

ASTM-F2913-11 tests the whole shoe sole at heel strike and toe off, two areas where slip is most likely to occur in normal walking (figure 1). The test method is based on years of human subject bio-mechanical studies creating a "Controlled Slide" where "Slip" is initiated and measured to determine if there is enough friction to allow the "Slip to Continue" or "Arrest It".

SLIP TEST CONDITION GRAPH ASTM F2913-11



Slip Scores: OP 107

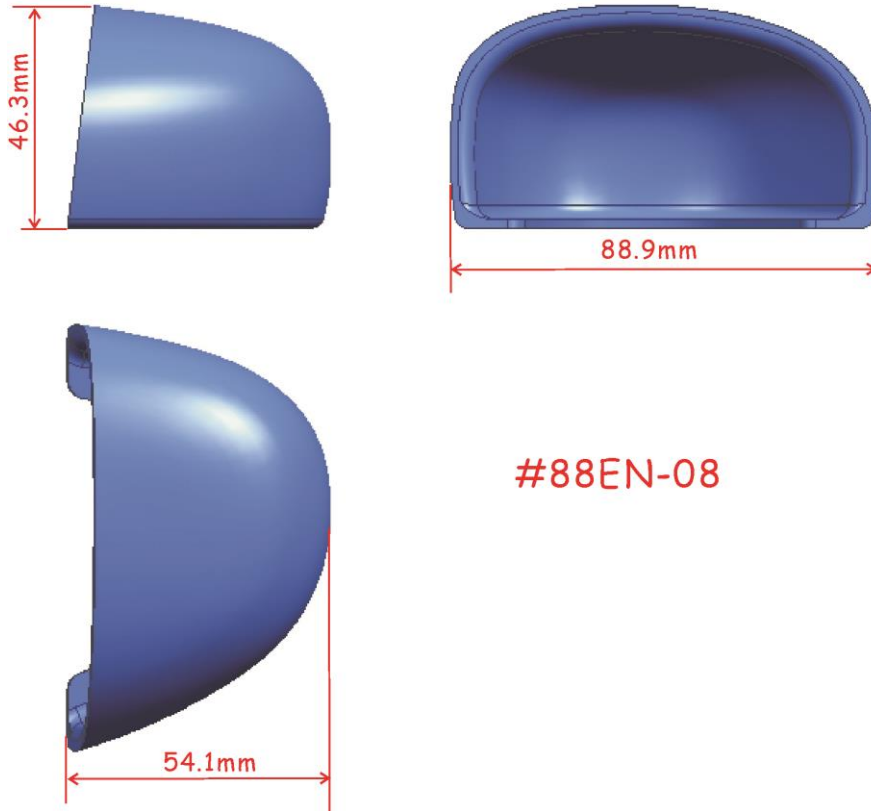


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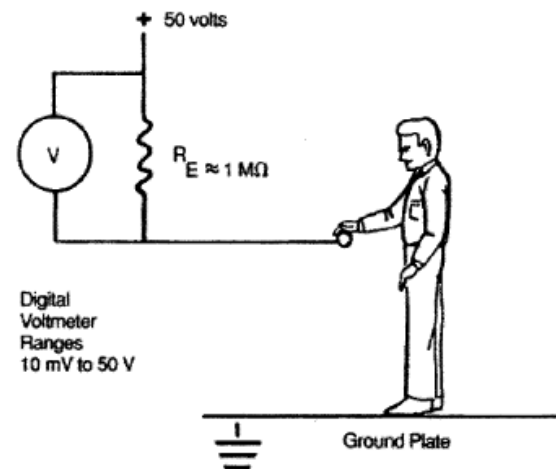
COMPOSITE TOE: PRO CT88



STATIC DISSIPATIVE (SD):

ASTM F2412/F2413-11 and F2892-11 (Soft Toe):

- Helps prevent build up of excess static electricity
- Lower limit of electrical resistance of $1\text{ M}\Omega$ and an upper limit of $100\text{ M}\Omega$
- Tested at 50 Volts
- Human subject test
- Every pair of footwear is tested



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OUTSOLE: (OP 107) VIBRAM TC 4 PLUS WITH EVA MIDSOLE

