TIMBERLAND PRO®
6 In Resistor Composite Safety Toe Waterproof

TB091661214

FEATURES:

- Seam-sealed waterproof leather upper
- Composite toe shaped on TiTAN ® last
- Tri-density outsole and midsole
- Padded top collar
- Lightweight polyurethane midsole
- Mesh Lining with Antimicrobial treatment
- Direct Inject
- Fiberglass Shank
- Weight 9M 906g

5-12 13 14 15 MW

USA Men's	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	12	13	14	15
USA Women's	6.5	7	7.5	8	8.5	9	9.5		10	10.5	11	11.5	12				
United Kingdom	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	11	12	13	14
Europe	37	37.5	38	38.5	39	40	41	41.5	42	42.5	43	43.5	44	46	47	48	49
Centimeters	23,5	24,0	24,0	25,0	25,0	26,0	26,0	26,5	27,0	27,5	28,0	28,5	29,0	30,0	31,0	32,0	33,0

DYNAMIC ANTI-FATIGUE TECHNOLOGY POLYURETHANE FOOTBED:

- Durable: resists compression set over time
- Resilient: recovers for next foot strike
- Mono-sided inverted Anti-Fatigue Technology cones
- Contoured bio-mechanically engineered top surface helps maintain proper gait
- Dynamic arch adapts to different foot shapes for maximum comfort

ALL-WEATHER THERMOPLASTIC URETHANE OUTSOLE:

- Low temperature formulation maximizes traction on cold surfaces
- Slip resistant
- Abrasion resistant
- Oil-resistant per SATRA TM63
- Heat resistant up to 240 F using EN/ISO 20344:20034 (120C)
- Non-marking

ELECTRICAL HAZARD

- Provides secondary underfoot protection against live electrical circuits, electrically energized conductors, parts or apparatus. Meets ASTM F2412-11, ASTM F2413-11 and ASTM F2892-11 standards.

30 Day Comfort Guarantee for US and Canada only

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

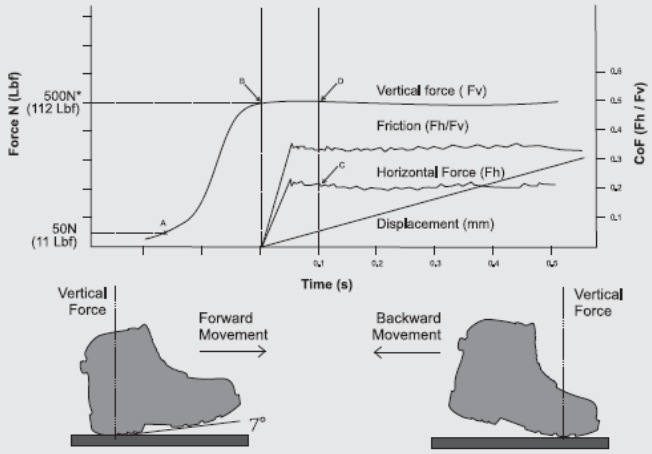

FIGURE 1

Based on bio-mechanical studies by SATRA Technology Centre, Timberland recommends selecting a shoe based on the contaminant and floor surface you will encounter that achieves at least a 0.3 Dynamic CoF using a Whole Shoe Test Method.

Dynamic CoF values below 0.30 increase the risk of slip potential and may require additional safety measures to address non-footwear hazard factors.

No shoe is "slip proof". Footwear is one small part of any Slip Hazard Assessment Defense Program.

You should always consult with your Company Safety Manager to determine the most appropriate footwear for your work environment.

SATRA TECHNOLOGY

SLIP TEST RATING

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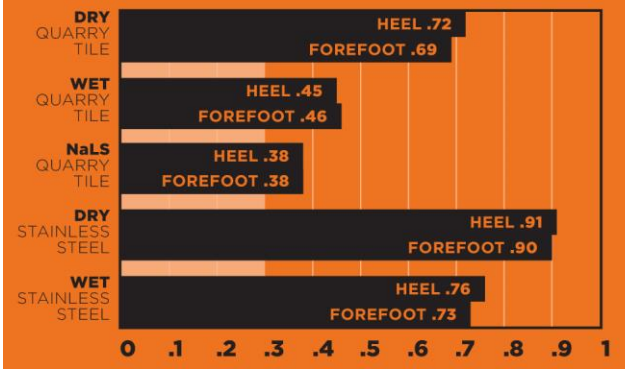
EXCERPT FROM ASTM F2913-11 WHOLE SHOE SLIP RESULTS

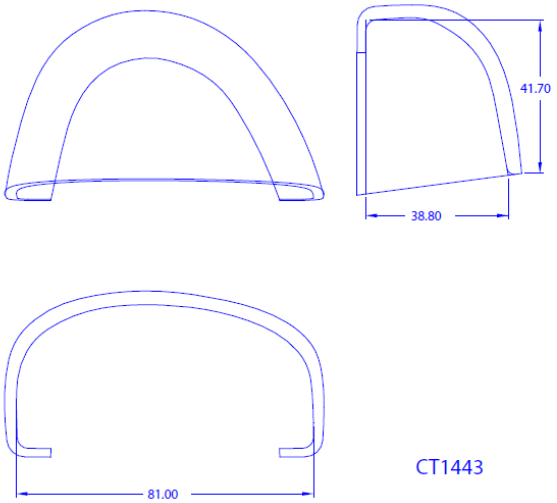
TEST REPORT: CHT0212749 **OUTSOLE:** PRO280M **TEST LAB:** 12A10

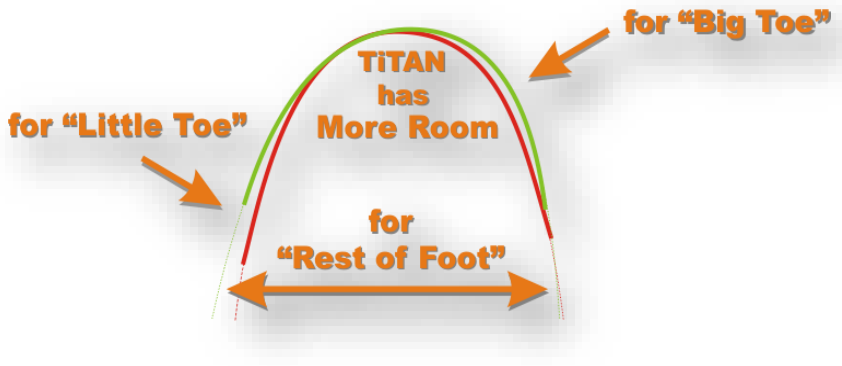
The below chart provides the slip scores for the outsole of the shoe.



Mark II (ASTM F1677-05)	
Oily/Wet #3 on American Olean Tile (25 mls of distilled water with 8 drops of vegetable oil)	

COMPOSITE TOE: PRO CT 1443





TITAN TOE SHAPE:

Asymmetrical toe shape offers more space in the toe box, where you need it most compared to traditional symmetrical safety toe shapes.

OIL RESISTANCE:

Test method	Sample	IRM903 for 46 hrs (ASTM Oil #3)	EN345 for 22 hrs (ASTM Fuel A)	Fuel B for 46 hrs (Jet Fuel)	Diesel for 22 hrs
SATRA TM63	PRO FB#1	+2.3%	+3.4%	+29.6%	+22.8%
	PU	+2.2%	+0.4	+13.5%	+1.0%
	TPU	+1.0%	+0.4	+13.1%	+5.6%
	Standard	</=12%	</=12%	</=60%	No Standard limits, but low values represent best performance.