

TIMBERLAND PRO® DISRUPTOR CHUKKA STEEL TOE STEEL PLATE



TB0A1G9T214



5-12 13 14 15 M

USA Men's	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	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	10.5	11	12	13	14
Europe	37	37.5	38	38.5	39	40	41	41.5	42	42.5	43	43.5	44	45	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	29.5	30.0	31.0	32.0	33.0

DUAL DENSITY POLYURETHANE OUTSOLE:

- "Rubber Like" Grip and Slip Resistance
- Oil resistant per SATRA TM63
- Heat Resistant up to 248°F using EN/ISO 20344:2004 (120°C)
- Abrasion Resistant
- Non-marking



ESD EN 61340-4-3:

Safety footwear constructed with protective features such as anti-static resistance that lies less than or equal to 35 Megohm.

FEATURES:

- Nubuck Upper
- Steel safety toe
- Steel Puncture Plate
- Defender Repellent Systems featuring Scotchgard™ Protector
- Bio-Suspension System improves Stability, Cushioning and Flexibility
- Brass Hardware
- Cement construction
- Canvas lining with antimicrobial treatment
- Weight 9M 680g

DYNAMIC ANTI-FATIGUE 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

TIMBERLAND PRO BIO SUSPENSION SYSTEM

Stability: Contoured shock-diffusion plate provides rigid torsional stability to disperse shock, while allowing the forefoot to flex.

Cushioning: Ultralight polyurethane midsole actively compresses and rebounds providing the ultimate in comfort

Flexibility: Midsole and Outsole function together to support and flex providing superior comfort, flexibility and traction



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BRITISH STANDARD

Personal protective equipment — Footwear — Test method for slip resistance

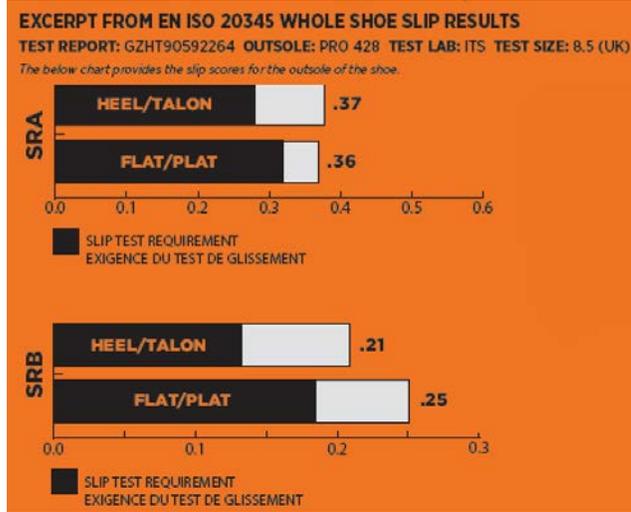


Table A.1 — Requirements for footwear resistant to slip on ceramic tile floor with SLS

Test conditions of ISO 20344:2004/Amd1:2007, Clause A.1	Coefficient of friction
Condition A (forward heel slip)	Not less than 0,28
Condition B (forward flat slip)	Not less than 0,32

A.3 Slip resistance on steel floor with glycerol

Footwear resistant to slip on steel floor with glycerol shall fulfil the requirements of Table A.2.

Table A.2 — Requirements for footwear resistant to slip on steel floor with glycerol

Test conditions of ISO 20344:2004/Amd1:2007, Clause A.1	Coefficient of friction	
	Values to be applied up to and including 2008-12-31	Values to be applied on and after 2009-01-01
Condition C (forward heel slip)	Not less than 0,12	Not less than 0,13
Condition D (forward flat slip)	Not less than 0,16	Not less than 0,18

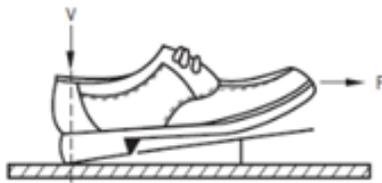


Figure 1a – Forward heel slip

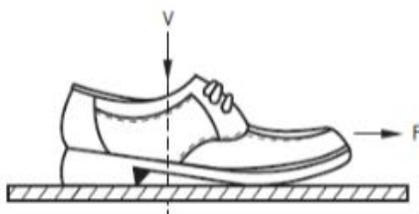
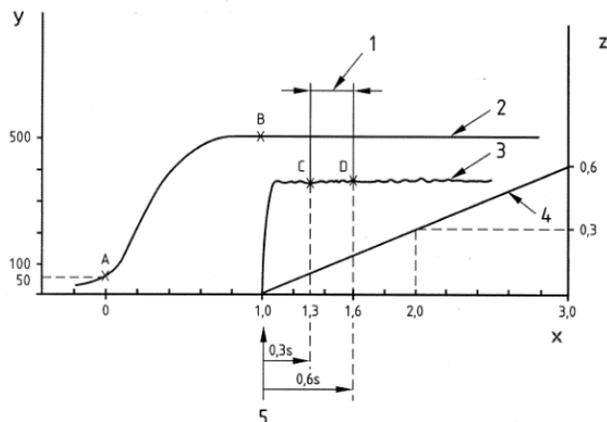


Figure 1c – Forward flat slip

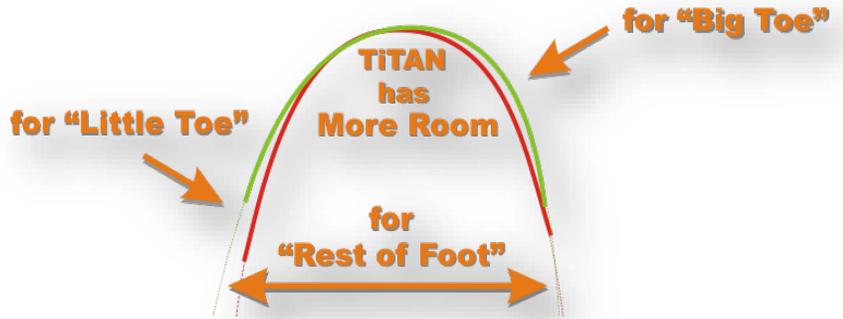
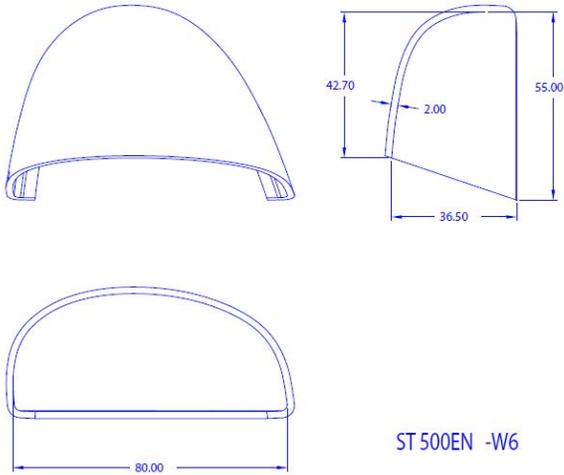


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STEEL TOE: PRO ST 500EN



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.

MEASUREMENTS:

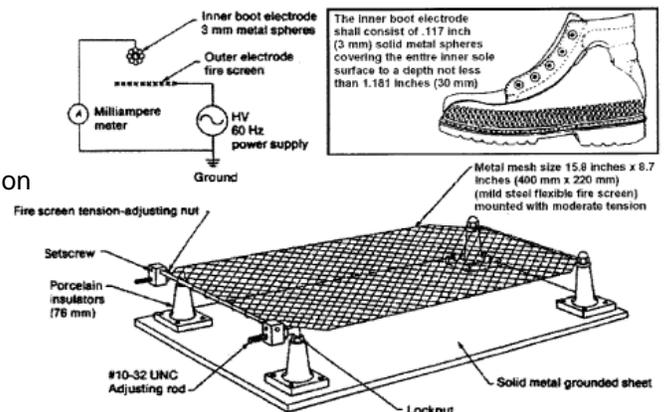
(All measurements are external)



ELECTRICAL HAZARD (EH):

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

- Secondary Protection against accidental contact of stepping on an electrical circuit
- 18,000 Volts applied for 1 minute
- Less than 1mA leakage
- Footwear is tested randomly during production runs



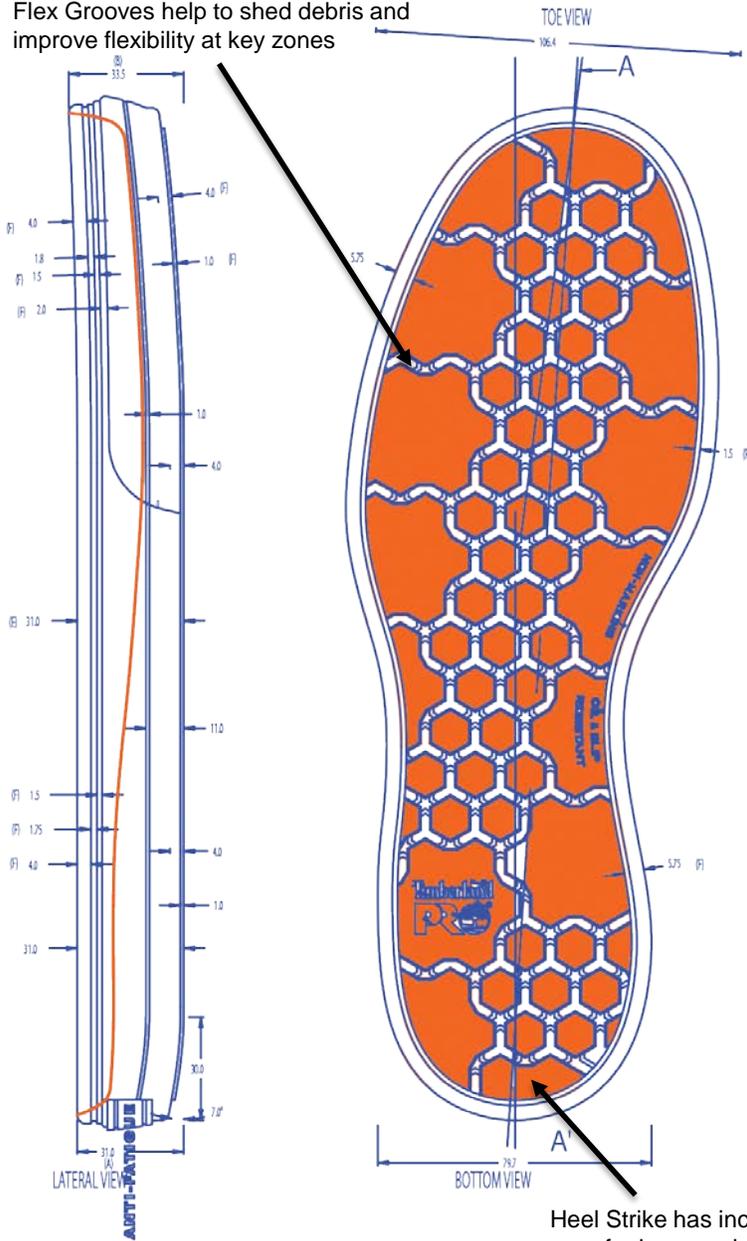
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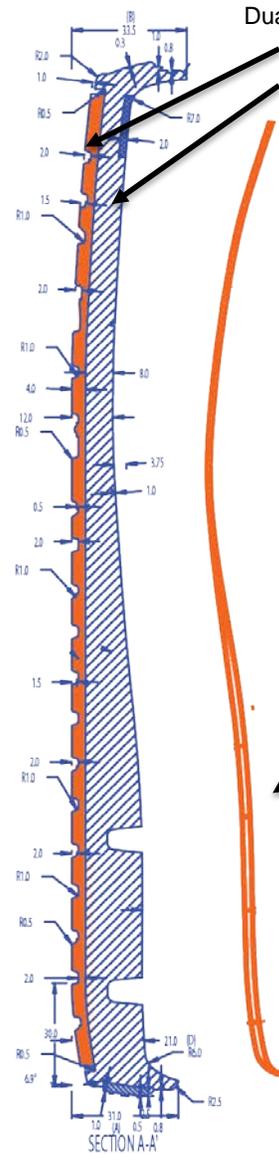
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OUTSOLE: (PRO 427) DUAL DENSITY POLYURETHANE OUTSOLE

Flex Grooves help to shed debris and improve flexibility at key zones



Dual Density PU Outsole
Solid Poured PU Outsole
Super Lightweight, Rubber Like PU Midsole



Lug design and pattern Maximizes Surface Area allowing for improved slip resistance

Contoured Shock Diffusion plate made of Injected TPU supports the heel and arch as well as provides torsional stability.

Heel Strike has increased surface area for improved slip resistance

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.