

TIMBERLAND PRO® POWERTRAIN STEEL TOE STEEL PLATE



TBOA1H2Q001



Men's 7-12,13,14,15 M
UK 6-14
EU 39-49

FEATURES:

- Premium synthetic with Ripstop Nylon
- Steel Safety Toe
- Steel Puncture Plate
- Cement construction
- Mesh lining with antimicrobial treatment
- Fiberglass shank
- Proprietary outsole with built-in Anti-Fatigue Technology
- Weight 9M 640g

5mm Conductive Polyurethane footbed:

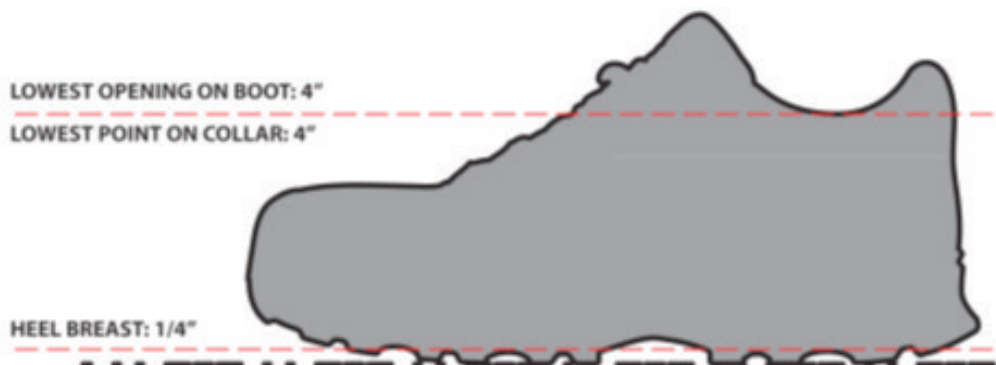
- Resilient: recovers for the next footstrike
- Lightweight
- Self Molding
- Moisture-wicking and air-permeable

TIMBERLAND PRO® POLYURETHANE OUTSOLE:

- BASF® Rubberlike PU
- Molded inverted cone Anti-Fatigue Technology
- Fuel and Oil Resistant
- Slip resistant
- Abrasion resistant

MEASUREMENTS:

((All measurements are external))



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

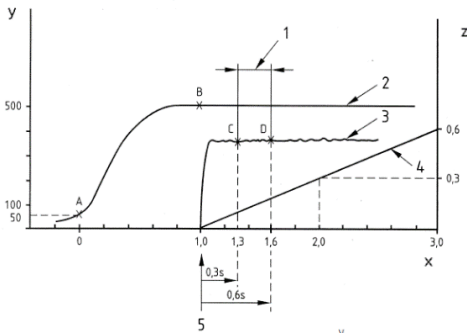


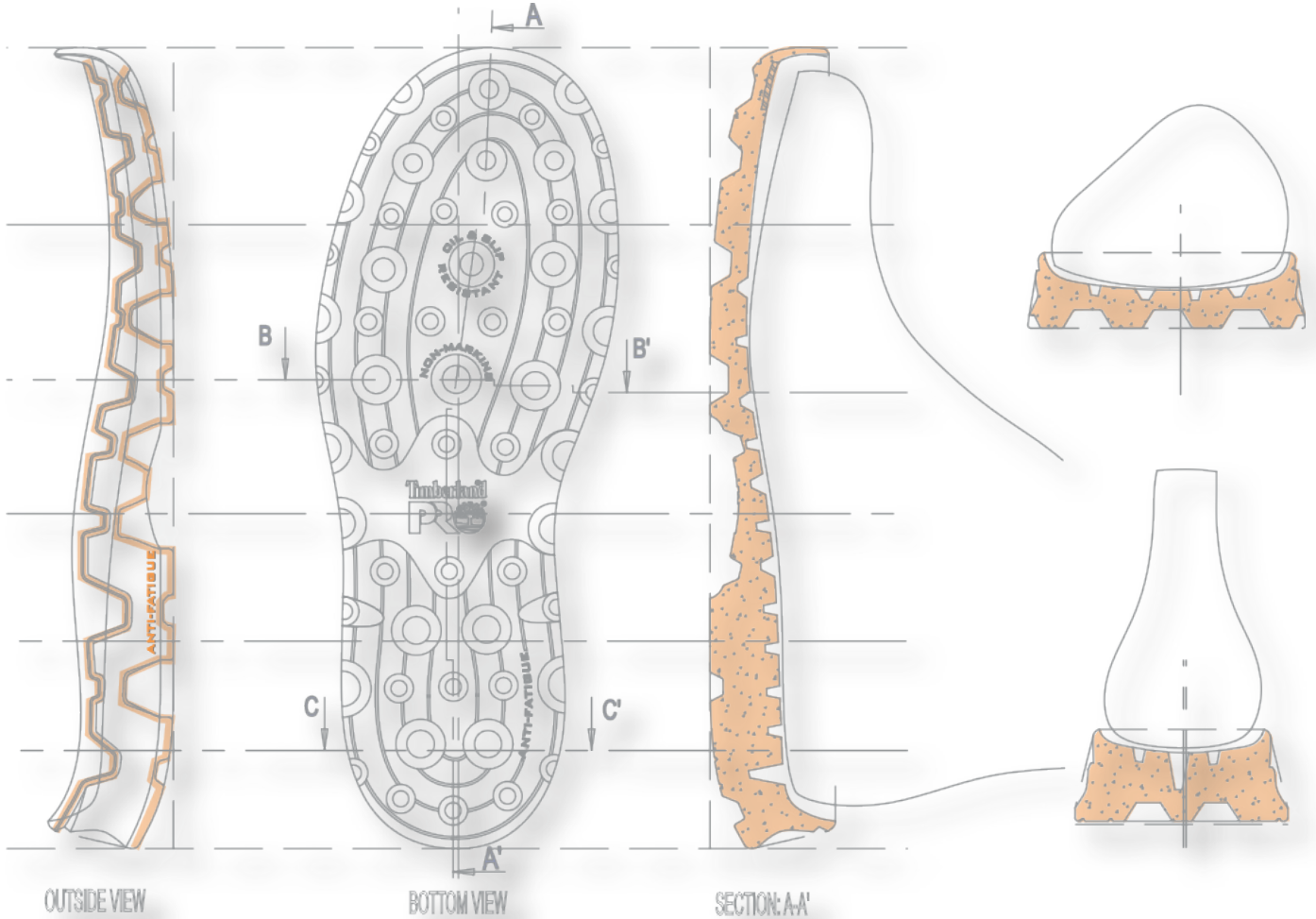
Figure 1a – Forward heel slip



Figure 1c – Forward flat slip

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OUTSOLE: PRO360 POLYURETHANE OUTSOLE



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.