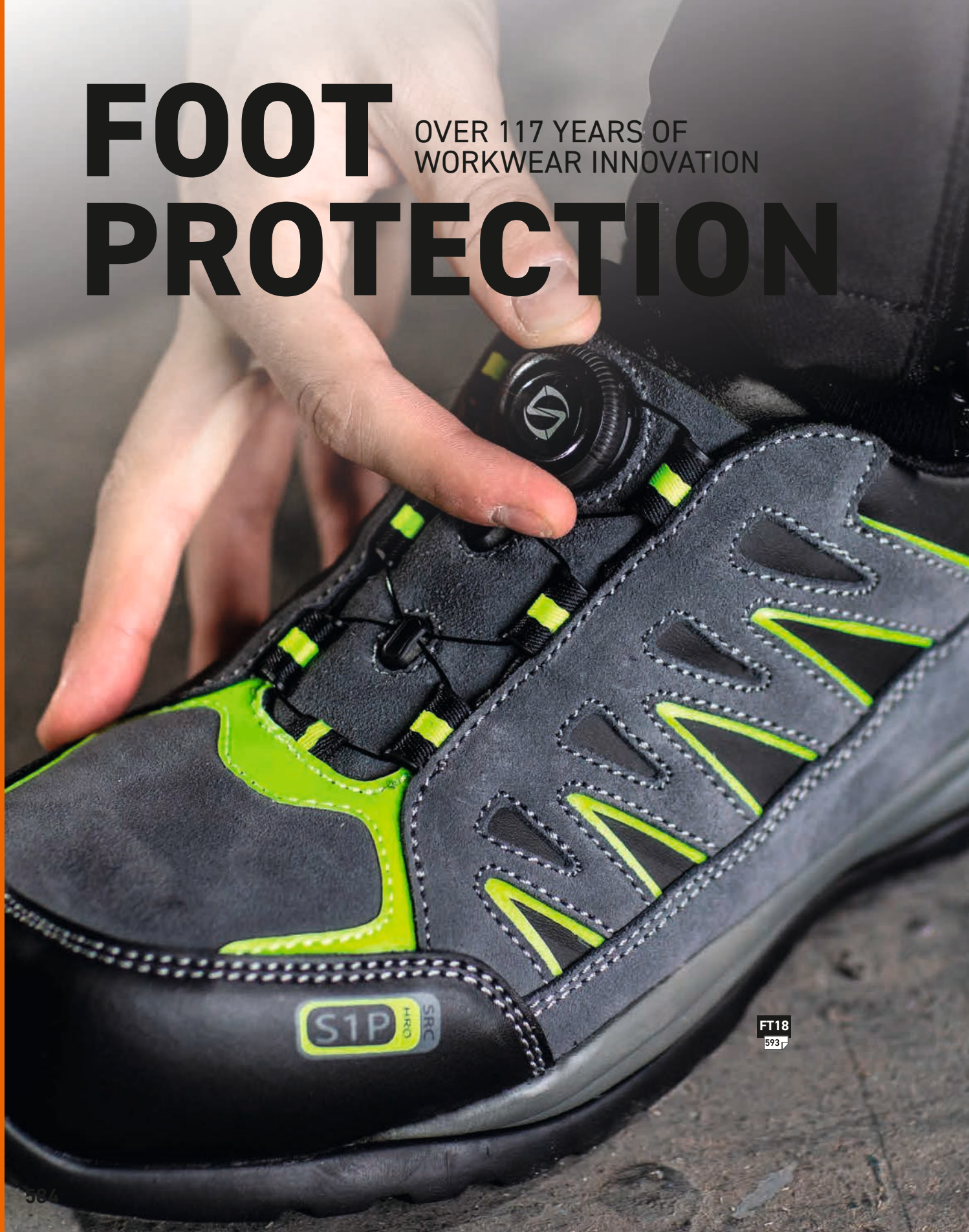
FOOT PROTECTION

OVER 117 YEARS OF
WORKWEAR INNOVATION



FT18
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The Portwest foot protection range has been engineered for maximum safety and outstanding performance. Packed with safety features and designed using strong, flexible and innovative construction techniques. This complete range protects against safety hazards found in tough working environments, across a wide range of industries

PORTWEST Steelite™

An exceptional collection of safety footwear made using high quality materials and components. Portwest Steelite footwear contains protective steel toecaps and/or steel midsoles, offering outstanding protection even in the toughest work environments.

PORTWEST Compositelite™

A modern collection of metal free safety footwear, Portwest Compositelite offers lightweight protection for all day comfort. Constructed using non-metallic protective fibreglass toecaps and/or non-metallic protective midsoles, this collection is ideal for use in environments where metal free protection is essential.

PORTWEST Occupational

Portwest Occupational is the perfect answer to safety footwear. The lightweight durable styles offer all day comfort, while offering excellent slip resistance, energy absorption and anti-static properties. This collection is ideal for light work and leisure.

Symbols

- 200 Jouls Steel Toecap
- 200 Jouls Composite Toecap
- Fibreglass Toecap
- Pierce resistant composite midsole
- Pierce resistant steel midsole
- Full grain leather
- Cow suede leather
- Metatarsal protection
- Energy absorbing seat region
- Anti-static footwear
- Mono density sole unit
- Dual Density Sole Unit
- Slip resistant outsole
- HRO 300° Heat resistant outsole 300°C
- Non-marking sole unit
- Fuel and oil resistant outsole
- ESD
- METAL FREE Metal free
- Chemical resistant
- Waterproof construction
- Waterproof membrane
- Water resistant upper
- Cold insulation
- Heat insulation
- Wide fitting
- Women's fit
- UK CA UK Conformity Assessed
- CE European Conformity

INNOVATION, DESIGN, STYLING AND QUALITY COMPONENTS DEFINE THE PORTWEST FOOT PROTECTION COLLECTION.

SAFETY FOOTWEAR CAN BE RECOGNISED BY THE FOLLOWING STANDARDS:

EN ISO 20345:2011

AS/2210.3:2018

This international standard specifies basic and additional (optional) requirements for safety footwear used for general purposes. It includes, mechanical risks, slip resistance, thermal risks and ergonomic behaviour. The toecap protects the wearer's toes against risk of injury from falling objects and crushing when worn in work environments where potential hazards may occur. The midsole protects against the foot being pierced by underfoot objects.

The classification system used to identify the protection provided by the footwear is listed:

Category	Additional requirements
SB	The presence of a safety toecap providing protection against impact injury to the toes caused by falling objects. Level of protection provided is 200 joules. Prevention of compression injury to the toes if trapped under a heavy object. Level of this protection is 15kN.
SBP	As SB standard plus penetration resistance.
S1	As SB standard plus closed seat region, antistatic properties, resistance to fuel oil and energy absorption of seat region.
S1P	As S1 standard plus penetration resistance.
S2	As S1 standard plus water penetration and water absorption resistance.
S3	As S2 standard plus cleated outsole and penetration resistance.
S4	200 joule toecap protection. All rubber or all polymeric footwear with antistatic properties. Resistance to fuel oil, energy absorption of seat region and closed seat region.
S5	As S4 standard plus cleated outsole and penetration resistance.

Table of additional requirements for special applications with appropriate symbols for marking.

Requirement		Symbols
Whole Footwear	Penetration resistance	P
	Electrical properties: Antistatic footwear	A
	Resistance to inimical environments: Cold insulation of sole complex	CI
	Energy absorption of seat region	E
	Water resistant	WR
	Metatarsal protection	M
Upper	Water penetration and absorption	WRU
Outsole	Resistance to hot contact	HRO
	Resistance to fuel oil	FO

FOOTWEAR SIZE CHART

It is recommended to have your foot measured when purchasing footwear as there is no exact standard for converting shoe sizes.

UK Size	1	2	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14	15	16	17
Euro Size	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
US Mens Size					6	7	7.5	8	9	10	11	11.5	12	13	14	15	16	17	18
US Women's Size			5	6	7	8	8.5	9	10	11									

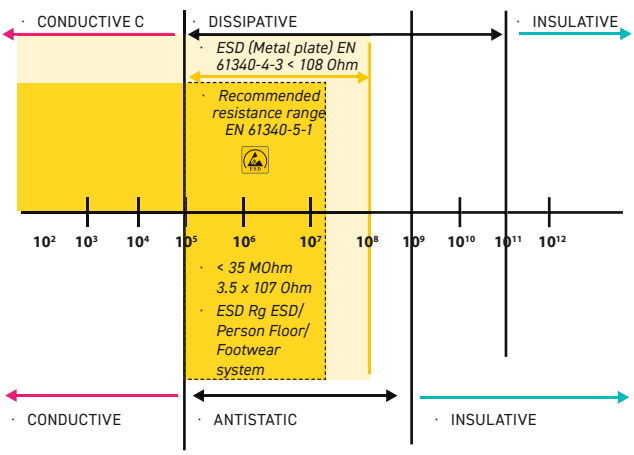
EN 61340-4-3:2018

This part of EN 61340 describes a test method for determining the electrical resistance of footwear used in the control of electrostatic potential on people. This standard is suitable for use by the manufacturer of footwear as well as the end user.

Electrostatic conductive footwear
Footwear as tested by the method described in this standard with an electrical resistance of < 1 Ω x 10 .

Electrostatic dissipative footwear
Footwear as tested by the method described in this standard with an electrical resistance of > 1 Ω x 10 and < 1 Ω x 10 .

Floor/Footwear System used for primary grounding - ESD Standard EN 61340
Occupational and safety shoes standard - EN ISO 20344 to EN ISO 20347.
The level of charge generated is influenced by atmospheric humidity.



EN 13832-2:2006

Footwear Protecting Against Chemicals
Footwear protecting against chemicals - Part 2: Requirements for footwear resistant to chemicals under laboratory conditions

Resistance to degradation: Samples are placed in contact with the chemical for 23 hours.

This footwear resists degradation by the stated chemicals (at least 2 from the list below).		
B	–	acetone
D	–	dichloromethane
F	–	toluene
G	–	diethylamine
H	–	tetrahydrofuran
I	–	ethyl acetate
J	–	n-heptane
K	–	30% sodium hydroxide
L	–	95% sulphuric acid
M	–	65% nitric acid
N	–	99% acetic acid
O	–	25% ammonia solution
P	–	30% hydrogen peroxide solution
Q	–	isopropanol
R	–	13% sodium hypochlorite
- toecap strength (200J or 100J)		

EN ISO 20347:2012

The International Standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression).

Category	Additional requirements
OB	Conforms to the basic requirements set out by the standard EN ISO 20347: 2012
01	Closed seat region, antistatic properties, energy absorption of seat region
02	As 01 plus: Water penetration and absorption
03	As 02 plus: Penetration resistance, cleated outsole
04	Closed seat region, antistatic properties, energy absorption of seat region
05	As 04 plus: Penetration resistance, cleated outsole

EN ISO 13287:2019

This European Standard specifies a method of test for the slip resistance of conventionally soled safety, protective and occupational footwear. It is not applicable to special purpose footwear containing spikes, metal studs or similar.

The item of footwear to be tested is put on a surface, subjected to a given normal force and moved horizontally relative to the surface. The frictional force is measured and the dynamic coefficient of friction is calculated.

If the outsole passes both the ceramic tile test (SRA) and the steel floor test (SRB) it is marked as SRC.

Marking Code	Test Surface	Coefficient of Friction (EN 13287)	
		Forward Heel Slip	Forward Flat Slip
SRA	Ceramic tile with SLS*	≥ 0.28	≥ 0.32
SRB	Steel floor with Glycerol	≥ 0.13	≥ 0.18
SRC	Ceramic tile with SLS* & Steel floor with Glycerol	≥ 0.28 ≥ 0.13	≥ 0.32 ≥ 0.18

** Water with 5% Sodium Lauryl Sulphate (SLS) solution*

ASTM F2413-18

Standard specification for performance requirements for protective (safety) toe cap footwear.
The specification contains performance requirements for footwear to protect workers feet from the following hazards by providing:

I Impact resistance (I) for the toe area of footwear.
C Compression resistance (C) for the toe area of the footwear.
Mt Metatarsal impact protection (Mt) that reduces the chance of injury to the metatarsal bones at the top of the foot.
Cd Conductive properties (Cd) which reduce hazards that may result from static electricity buildup, and reduce the possibility of ignition of explosives and volatile chemicals.
EH Electric hazard protection (EH), to protect the wearer when accidental contact is made by stepping on live electric wires.
SD Static dissipative properties (SD) to reduce hazards due to excessively low footwear electrical resistance that may exist where SD footwear is required.
PR Puncture resistance (PR) footwear devices.

SAFETY FOOTWEAR CLASSIFICATION GUIDE

SB


FC03 — C E — 633


FW26 — S — 657


FW31 — S — 617


FW82 — S — 637


FW17 — S — 617

SBP


FW16 — S — 616


FW35 — S — 616

S1


FC02 — C E — 633


FC21 — C — 651


FC63 — C — 607


FC66 — C — 607


FC64 — C — 607


FT50 — S — 603


FW01 — S — 627


FW15 — S — 657


FW21 — S — 657


FW41 — S — 627


FW42 — S — 626


FW48 — S E — 633

S1P


FC04 — C E — 632


FC10 — C — 651

S1P


FC14 — C — 651


FC15 — C — 597


FC52 — C — 606


FC53 — C — 606


FC65 — C — 606


FC67 — C — 598


FT25 — S — 600


FT15 — S — 602


FT63 — S — 614


FT64 — S — 614


FW02 — S — 614


FW06 — S — 643


FW09 — S — 655


FW10 — S — 656


FW12 — S — 643


FW13 — S — 643


FW14 — S — 656


FW25 — S — 655


FW33 — S — 600

FW34 — S — 601

FW36 — S — 603

FW39 — S — 601

FW46 — S — 658

FW47 — S — 658

FW51 — S — 655

FW63 — S — 615

FW64 — S — 615

FW85 — S — 654

FW86 — S — 626

FT35 — C — 597

FT36 — C — 596

NEW

FT62 — C E — 632

FW54 — S — 615

FT18 — S — 593

NEW

FT08 — C — 593

NEW

FC08 — C — 595

NEW

FT60 — C — 598

NEW

FC09 — C — 599

NEW

FT71 — S — 612

S = STEELITE C = COMPOSITELITE E = ESD

S2


FC01 632


FW80 635


FW81 636


FW83 636


FW88 635

NEW


FD62 634

NEW


FD61 634

S3


FC11 650


FC12 629


FC44 650


FC57 622


FC60 604


FC61 604


FD01 618


FD02 618


FD09 611


FD10 610


FD11 611


FD15 610


FT12 642


FT13 642


FW03 654


FW05 629


FW07 640


FW11 653


FW22 640


FW23 652


FW24 654


FW29 641


FW32 613


FW43 652


FW44 652


FW57 623


FW59 612


FW65 613


FW66 623


FW69 612


FC16 641


FC17 605


FC56 622

FC59 620

FD17 591

NEW

FT05 624

FT41 608

FC25 596

FC58 605

NEW

FD27 630

NEW

FD37 630

NEW

FD33 628

NEW

FD03 653

NEW

FT42 608

S4

FW84 647

FW94 646

NEW

FD84 645

S5

FD85 638

FD95 644

FW45 648

FW71 649

FW74 649

FW75 648

FW95 646