



Medium

TROOPER S3

Mid-cut allround tactical boot

Upper	Waterproof Leather
Lining	Membrane
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	EVA/Rubber
Toecap	Composite
Safety standard	S3 / HRO, SRC, WR
Size range	EU 36-48 / UK 3.5-13.0 US 4.0-13.5 / CM 23.5-31.5
Sample weight	0.780 kg
Norms	EN ISO 20345:2011 ASTM F2413:2018



BLK



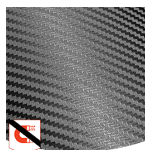
Heat resistant outsole (HRO)
The outsole resists high temperatures up to 300°C.



Waterproof (WR)
Waterproof footwear prevents liquids to enter into the shoe.



Composite toecap
Metalfree and lightweight, no thermal or electrical conductivity



Metal free
Metal free safety shoes are in general lighter than regular safety shoes. They are also very beneficial for professionals who have to pass through metal detectors several times a day.



S3
S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



SRC slip resistance
Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.

Industries:

Chemical, Construction, Mining, Oil & Gas, Tactical, Uniform

Environments:

Muddy environment, Uneven surfaces, Wet environment

Maintenance instructions:

To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator, nor nearby a heat source.

	Description	Measure unit	Result	EN ISO 20345
Upper	Waterproof Leather			
	Upper: permeability to water vapor	mg/cm ² /h	4.12	≥ 0.8
	Upper: water vapor coefficient	mg/cm ²	41	≥ 15
Lining	Membrane			
	Lining: permeability to water vapor	mg/cm ² /h	3.36	≥ 2
	Lining: water vapor coefficient	mg/cm ²	27	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance	cycles	400	≥ 400
Outsole	EVA/Rubber			
	Outsole abrasion resistance (volume loss)	mm ³	68	≤ 150
	Outsole slip resistance SRA: heel	friction	0.51	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.46	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.18	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.23	≥ 0.18
	Antistatic value	MegaOhm	484.7	0.1 - 1000
	ESD value	MegaOhm	NA	0.1 - 100
	Heel energy absorption	J	34	≥ 20
Toecap	Composite			
	Impact resistance toecap (clearance after impact 100J)	mm	NA	NA
	Compression resistance toecap (clearance after compression 10kN)	mm	NA	NA
	Impact resistance toecap (clearance after impact 200J)	mm	20.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	20.0	≥ 14

Sample size: 42

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