



## WORKERPLUS S3

Heavy duty Safety boot

Upper	Pull-up Action Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Steel
Outsole	PU/Rubber
Toecap	Steel
Category	S3 / SRC, HRO
Size range	EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 JPN 22.5-31 / KOR 235-310
Sample weight	0.720 kg
Norms	ASTM F2413:2018 EN ISO 20345:2011



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### Steel toecap

Robust metal support to protect the feet of the wearer against falling or rolling objects.



### Breathable leather upper

Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



### Steel midsole

Puncture resistant steel midsoles are made from stainless or coated steel and prevent sharp objects from penetrating the outsole.



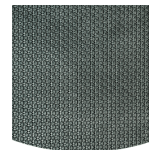
### S3

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.



### Rubber outsole

Rubber outsoles provide versatile functions that make them suitable for many areas of application: excellent cut resistance, heat and cold resistance, high flexibility at cold temperatures, resistance against oil, fuel and many chemicals.

**Industries:**

Automotive, Chemical, Construction, Logistics, Mining, Oil &amp; Gas, Industry

**Environments:**

Dry environment, 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
<b>Upper</b>	<b>Pull-up Action Leather</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	2.2	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	25.0	≥ 15
<b>Lining</b>	<b>Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	52.6	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	421.5	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	25600/12800	25600/12800
<b>Outsole</b>	<b>PU/Rubber</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	93	≤ 150
	Outsole slip resistance SRA: heel	friction	0.39	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.40	≥ 0.32
	Outsole slip resistance SRB: heel	friction	.22	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.24	≥ 0.18
	Antistatic value	MegaOhm	28.3	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	25	≥ 20
<b>Toecap</b>	<b>Steel</b>			
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	N/A
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	N/A
	Impact resistance toecap (clearance after impact 200J)	mm	16.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	20.5	≥ 14

Sample size: 42

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