

# X1100N81 S3

# Mid-cut leather safety shoe with zone traction and tripguard

Upper	Nappa Action Leather	
Lining	Cambrella	
Footbed	SJ foam footbed	
Midsole	Steel	
Outsole	PU/Rubber	
Тоесар	Steel	
Safety standard	S3/SRC	
Size range	EU 35-48 / UK 3.0-13.0 US 3.0-13.5 / CM 23.0-31.5	
Sample weight	0.770 gr.	
Norms	EN ISO 20345:2011 ASTM F2413:2018	

























## Shoes For Crews

Shoes For Crews safety and occupational footwear provides enhanced traction, slip resistance when walking on different slippery surfaces and much more.



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.



#### Antistatic

Antistatic footwear prevents build-up of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm



# Steel toecap

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



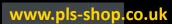
# Heel energy absorption

Heel energy absorption reduces the impact of jumps or running on the body of the wearer.





INDUSTRIAL PROFESSIONAL TACTICAL TIGER GRIP







# Industries:

Automotive, Catering, Chemical, Cleaning, Construction, Food & beverages, Logistics, Oil & Gas, Industry, Uniform

# **Environments:**

Dry environment, 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	Nappa Action Leather					
	Upper: permeability to water vapor	mg/cm²/h	5.1	≥ 0.8		
	Upper: water vapor coefficient	mg/cm²	46.0	≥ 15		
Lining	Cambrella					
	Lining: permeability to water vapor	mg/cm²/h	33.5	≥ 2		
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	269	≥ 20		
Footbed	SJ foam footbed					
	Footbed: abrasion resistance	cycles	400	≥ 400		
Outsole	PU/Rubber					
	Outsole abrasion resistance (volume loss)	mm³	91.9	≤ 150		
	Outsole slip resistance SRA: heel	friction	0.49	≥ 0.28		
	Outsole slip resistance SRA: flat	friction	0.51	≥ 0.32		
	Outsole slip resistance SRB: heel	friction	0.23	≥ 0.13		
	Outsole slip resistance SRB: flat	friction	0.34	≥ 0.18		
	Antistatic value	MegaOhm	511	0.1 - 1000		
	ESD value	MegaOhm	NA	0.1 - 100		
	Heel energy absorption	J	36	≥ 20		
Toecap	Steel					
	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	14.5	≥ 14		
	Compression resistance toecap (clearance after compression 15kN)	mm	18.5	≥14		

Sample size: 42

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