



TECHNICAL DATA SHEET

Cleanlite blue/blue

General information

Size range	
• EU	36 - 48
• UK	3.5 - 13
• US	4 - 15
The testresults in this technical datasheet are performed on size EU 42, UK 8, US 9.	
Weight / pair	
• Safety level: Steel toe cap	± 58.55 oz
Colors	
	blue - blue

Upper

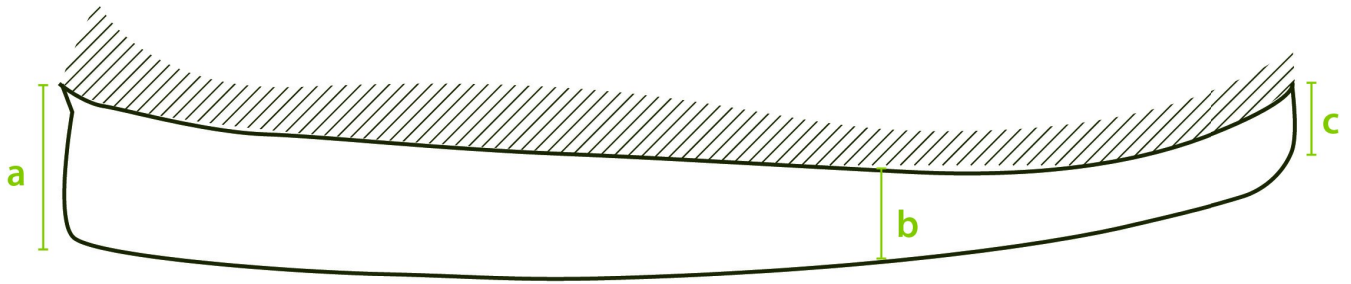
A. Dimensions	
• Height	outer measure: 15.0 in
	cutting edge: 12.2 in
• Foot length	outer measure: 11.8 in
	inner measure: 11.0 in
B. Thickness	
• Upper edge	0.11 - 0.13 in
• Calf	0.11 - 0.12 in
• Shinbone	0.11 - 0.11 in
• Ankle	0.14 - 0.15 in
• Heel	0.15 - 0.21 in
C. Raw material	
	NEOTANE (proprietary polyurethane compound)
D. Density	
	86.8 - 93.5 oz/gal (U.S.)
E. Tensile strength	
(incl. lining)	1450 ± 290 psi
F. Elongation	
(incl. lining)	600 +/- 100%

G. Hardness		
	43 +/- 2 Sh A	
H. Tear strength		
(incl. lining) lbf/in	57.1 ± 11.4 lbf/in	
I. Aging		
(incl. lining)	7 days at 158 °F	14 days at 158 °F
• Tensile strength	1682.4 psi	1305.3 psi
• Elongation	580 ± 20%	600 ± 20%
• Tear strength	65.1 lbf/in	51.4 lbf/in
J. Chemical resistance		
	see detailed list	
K. Environmental temperature		
• Maximum	± 212 °F	
• Minimum	Cold insulation down to -4 °F	

Lining

A. Material	
	PU coating on polyester fabric
B. Seams	
	Knitted seams

Outsole profile



A. Dimensions

• Heel

• Thickness	(a)	1.3 in
• Profile depth		0.00 in
• Length		0.00 in
• Width		3.1 in

• Outsole

• Thickness	(b)	0.67 in
	(c)	0.63 in
		0.00 in
• Profile depth		0.00 in

B. Raw material

	NEOTANE (proprietary polyurethane compound)
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C. Density

	6.5 - 7.0 ppg (imp.)
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D. Mechanical characteristics

	See upper (E)-(F)-(H)
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E. Energy absorption of the seat region

	20-25 J (requirement ≥ 20 J)
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F. Antistatic

	dry: $1 \times 10^8 - 1 \times 10^9$ Ohm
	wet: $1 \times 10^7 - 1 \times 10^9$ Ohm

G. Abrasion resistance

	0.0031 in ³
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H. Hardness

	60 +/- 10 Sh A
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I. Footwear slip resistance

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J. Chemical resistance

	see detailed list
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Safety

	Standard	Required	Type	Result
Toe cap				
Impact resistance (200J)	EN ISO 20344:2022+A1:2024 EN ISO 20345:2022+A1:2024	> 0.55 in	Metallic	0.75 in
Compression resistance	EN ISO 20344:2022+A1:2024 EN ISO 20345:2022+A1:2024	> 0.55 in	Metallic	0.75 in
Width of toe cap	outer measure: 1.7 in			
Height of toe cap	outer measure: 3.4 in			
Toe cap	Steel			

Certificates

	EN ISO 20344:2022+A1:2024 EN ISO 20345:2022+A1:2024 2409251-02-86
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Accessories

Insole		
Three layers		
• Toplayer	woven textile	
• Color	green	
• Thickness	0.03 in	
• Interlayer	needle felt	
• Color	cyan blue	
• Thickness	0.12 in	
• Bottom	gel latex	
• Color	black	
• Thickness	0.04 in	
Washable at 86 °F		