TECHNICAL DATA SHEET
StepliteS Cleangrip S4 white/blue (bag)

General information

Size range	
• EU	36 - 49
• UK	3.5 - 15
• US	4 - 16
The testresults in this technical datasheet are performed on size EU 42, UK 8, US 9	
Weight / pair	
• Safety level: Non-metallic toe cap	± 1 830 g
Colours	
	
	white - blue
(Also) Suitable for food processing companies	

Knife Drop Protection



Invisible protection in the upper material against falling sharp objects.	
Height (falling knife)	0.95 cm
Weight (knife)	429 g

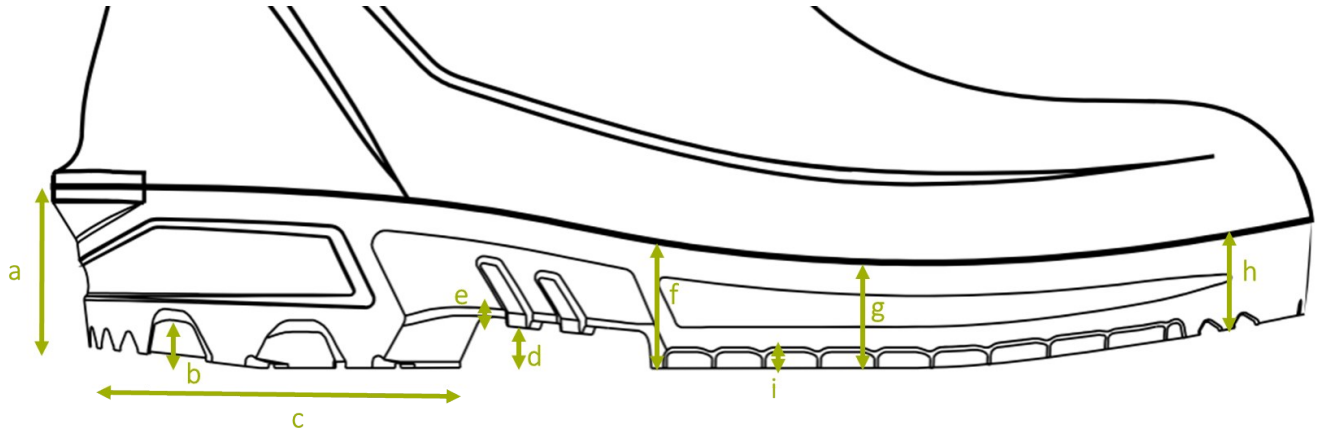
Upper

A. Dimensions		
• Height	outer measure: 39.7 - 40.8 cm	
	cutting edge: 30.5 - 29.0 cm	
• Foot length	outer measure: 29.4 cm	
	inner measure: 28.0 cm	
B. Thickness		
• Upper edge	3.8 - 4.0 mm	
• Calf	3.7 - 4.2 mm	
• Shinbone	2.8 - 3.2 mm	
• Ankle	4.0 - 5.0 mm	
• Heel	5.6 - 6.0 mm	
C. Raw material		
	NEOTANE (proprietary polyurethane compound)	
D. Density		
	0.62 - 0.74 g/mL	
E. Tensile strength		
(incl. lining)	10 ± 2 N/mm^2	
F. Elongation		
(incl. lining)	600 +/- 100%	
G. Hardness		
	43 +/- 2 Sh A	
H. Tear strength		
(incl. lining) N/mm	10.0 ± 2.0 N/mm	
I. Aging		
(incl. lining)	**7 days at 70 °C**	**14 days at 70 °C**
• Tensile strength	0.00 MPa	0.00 MPa
• Elongation	%	%
• Tear strength	0.00 N/mm	0.00 N/mm
J. Chemical resistance		
	see detailed list	
K. Environmental temperature		
• Maximum	± 150 °C	
• Minimum	Cold insulation down to -30 °C	

Lining

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

Outsole profile



A. Dimensions		
• Heel		
• Thickness	(a)	40.0 mm
• Profile depth	(b)	10.0 mm
• Length	(c)	100.0 mm
• Width		75.0 mm
• Middle foot		
• Height	(e)	10.0 mm
• Ladder anti-slip grips		2.0 mm
• Outsole		
• Thickness	(f)	30.0 mm
	(g)	25.0 mm
	(h)	20.0 mm
• Profile depth	(i)	4.0 mm
B. Raw material		
	NEOTANE (proprietary polyurethane compound)	
C. Density		
	0.56 - 0.78 g/mL	
D. Mechanical characteristics		
	See upper (E)-(F)-(H)	

E. Energy absorption of the seat region	
	J (requirement ≥ 20 J)
F. Abrasion resistance	
	50 mm^3
G. Hardness	
	60 +/- 10 Sh A
H. Footwear slip resistance	
	SR
I. Chemical resistance	
	see detailed list

Safety

	Standard	Required	Type	Result
Toe cap				
Width of toe cap	outer measure: 40.0 mm			
Height of toe cap	outer measure: 90.0 mm			
Toe cap	Composite material such as fiberglass			

Certificates

CE EN ISO 20344:2022+A1:2024 EN ISO 20345:2022+A1:2024
2506816-02-86

Accessories

Thermo-moulded footbed	
Two layers	
• Toplayer	woven textile
• Colour	black
• Thickness	70.0 mm
• Bottom	PU foam
• Colour	black
• Thickness	3.0 - 7.0 mm
Washable at 30°C	