



TECHNICAL DATA SHEET

StepliteS Flexgrip O4 green/black (box)

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-safety	± 60.11 oz
Colors	
	
green - black	

Upper

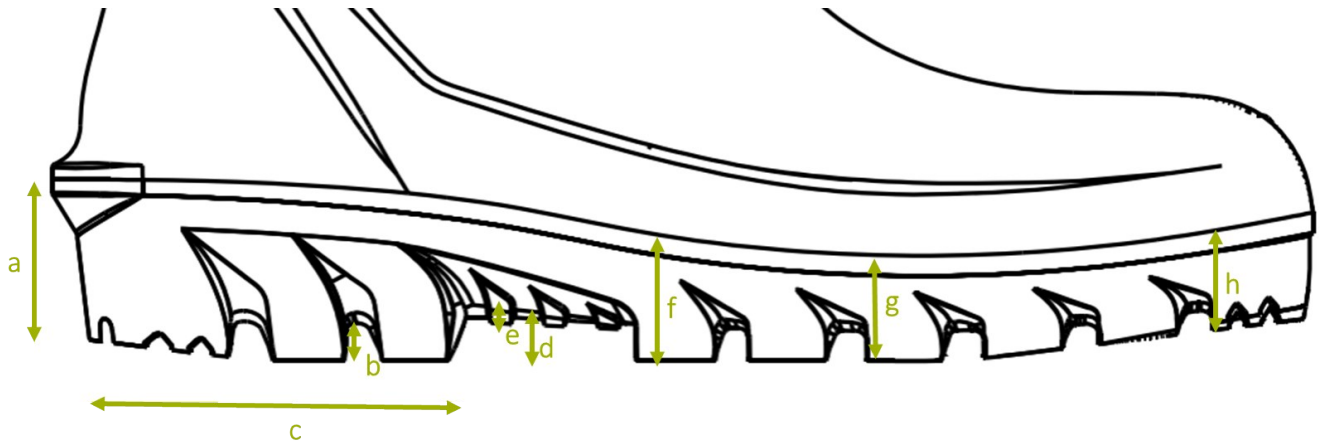
A. Dimensions	
• Height	outer measure: 15.6 - 16.0 in
• Foot length	outer measure: 11.6 in
	inner measure: 11.0 in
B. Thickness	
• Upper edge	0.15 - 0.16 in
• Calf	0.15 - 0.17 in
• Shinbone	0.11 - 0.12 in
• Ankle	0.16 - 0.20 in
• Heel	0.22 - 0.24 in
C. Raw material	
	NEOTANE (proprietary polyurethane compound)
D. Density	
	82.8 - 98.8 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	0.00 psi	0.00 psi
• Elongation	%	%
• Tear strength	0.00 lbf/in	0.00 lbf/in
J. Chemical resistance		
	see detailed list	
K. Environmental temperature		
• Maximum	± 302 °F	
• Minimum	Cold insulation down to -22 °F	

Lining

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

Outsole profile



(i) not visible from the outside

A. Dimensions

• Heel

• Thickness	(a)	1.6 in
• Profile depth	(b)	0.39 in
• Length	(c)	3.7 in
• Width		3.0 in

• Middle foot

• Height	(e)	0.39 in
• Ladder anti-slip grips		0.08 in

• Outsole

• Thickness	(f)	1.2 in
	(g)	0.98 in
	(h)	0.79 in
• Profile depth	(i)	0.31 in

B. Raw material

	NEOTANE (proprietary polyurethane compound)
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C. Density

	5.6 - 7.8 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

	J (requirement ≥ 20 J)
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F. Abrasion resistance

	0.0031 in ³
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G. Hardness	
	60 +/- 10 Sh A
H. Footwear slip resistance	
	SR
I. Chemical resistance	
	see detailed list

Certificates

	EN ISO 20344:2022+A1:2024 EN ISO 20347:2022+A1:2024 2506817-02-86
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Accessories

Thermo-moulded footbed	
Two layers	
• Toplayer	woven textile
• Color	black
• Thickness	2.8 in
• Bottom	PU foam
• Color	black
• Thickness	0.12 - 0.28 in
Washable at 86 °F	