



TECHNICAL DATA SHEET

Litefield O4 green/brown

General information

Size range	
• EU	36 - 47
• UK	3.5 - 12
• US	4 - 14
The testresults in this technical datasheet are performed on size EU 42, UK 8, US 9.	
Weight / pair	
• Safety level: Non-safety	± 50.09 oz
Colors	
	
green - brown	

Upper

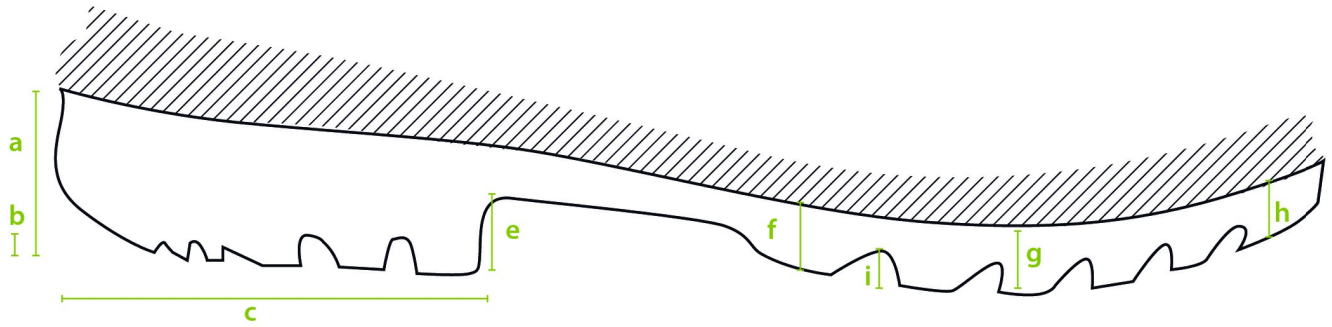
A. Dimensions	
• Height	outer measure: 16.7 in
• Foot length	outer measure: 11.8 in
	inner measure: 11.1 in
B. Thickness	
• Upper edge	0.08 - 0.09 in
• Calf	0.10 - 0.11 in
• Shinbone	0.09 - 0.12 in
• Ankle	0.09 - 0.14 in
• Heel	0.10 - 0.18 in
C. Raw material	
	NEOTANE (proprietary polyurethane compound)

D. Density		
	86.8 - 93.5 oz/gallon	
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 lb/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 lb/in	51.4 lb/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)	0.94 in
• Profile depth	(b)	0.31 in
• Length	(c)	3.3 in
• Width		2.9 in

• Middle foot

• Height	(e)	0.57 in
• Ladder anti-slip grips		0.10 in

• Outsole

• Thickness	(f)	0.74 in
	(g)	0.51 in
	(h)	0.51 in
• Profile depth	(i)	0.23 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 J (requirement ≥ 20 J)
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F. Antistatic

	dry: 1×10^8 - 1×10^9 Ohm
	wet: 1×10^7 - 1×10^9 Ohm

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

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