



TECHNICAL DATA SHEET

MidliteX SolidGrip O4 green/black

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	± 46.56 oz

Colors	
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green - black

Upper

A. Dimensions	
• Height	outer measure: 10.4 - 11.6 in
• Foot length	outer measure: 11.8 in inner measure: 11.0 in

B. Thickness	
• Upper edge	0.15 - 0.17 in
• Calf	0.11 - 0.13 in
• Shinbone	0.11 - 0.14 in
• Ankle	0.17 - 0.21 in
• Heel	0.22 - 0.24 in

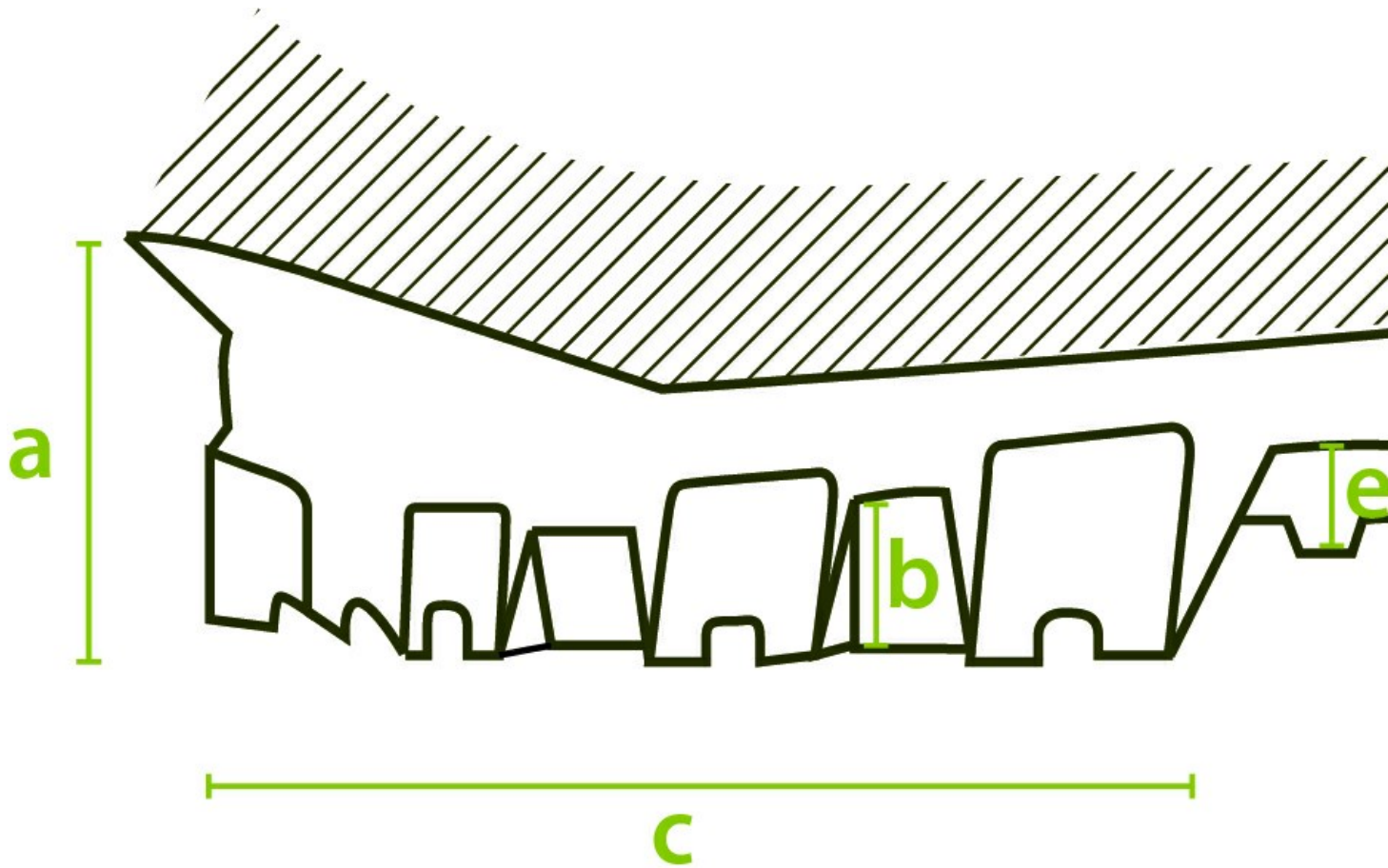
C. Raw material	
	NEOTANE (proprietary polyurethane compound)

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		<ul style="list-style-type: none"> • Maximum ± 212 °F • Minimum Cold insulation down to -22 °F 	

Lining

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

Outsole profile



- Heel

- Thickness

(a)

- Profile depth

(b)

- Length

(c)

- Width

- Middle foot

- Height

(d)

- Ladder anti-slip grips

(e)

- Outsole

- Thickness

(f)

(g)

(h)

- Profile depth

(i)

NEOTANE (proprietary)

6.5 - 7.0 ppg (imp.)

See upper (E)-(F)-(H)

30-40 J (requirements)

dry: 1×10^8 - 1×10^9 C

wet: 1×10^7 - 1×10^9 C

0.0031 in³

60 +/- 10 Sh A

SRC

[see detailed list](#)

Certificates



EN ISO 20347:2012
1909446-02-86



EN ISO 20347:2012
AB0321/19211-01/E00-00

Accessories

Thermo-moulded footbed

Two layers

- Toplayer woven textile
 - Color black
 - Thickness 0.03 in
- Bottom PU foam
 - Color black
 - Thickness 0.12 - 0.28 in

Washable at 86 °F