



TECHNICAL DATA SHEET

RigliteX fur SolidGrip S5 brown/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: Steel toe cap & midsole	± 65.82 oz
Colors	



brown - 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	
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86.8 - 93.5 oz/gallon

E. Tensile strength	
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(incl. lining) 1450 ± 290 psi

F. Elongation	
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(incl. lining) 600 +/- 100%

G. Hardness	
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43 +/- 2 Sh A

H. Tear strength	
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(incl. lining) lbf/in 57.1 ± 11.4 lb/in

I. Aging	
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(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	
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[see detailed list](#)

K. Environmental temperature	
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- Maximum ± 212 °F
- Minimum Cold insulation down to -22 °F

Pullers

A. Material	
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Synthetic leather

Binder

A. Material	
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Synthetic leather

Lining

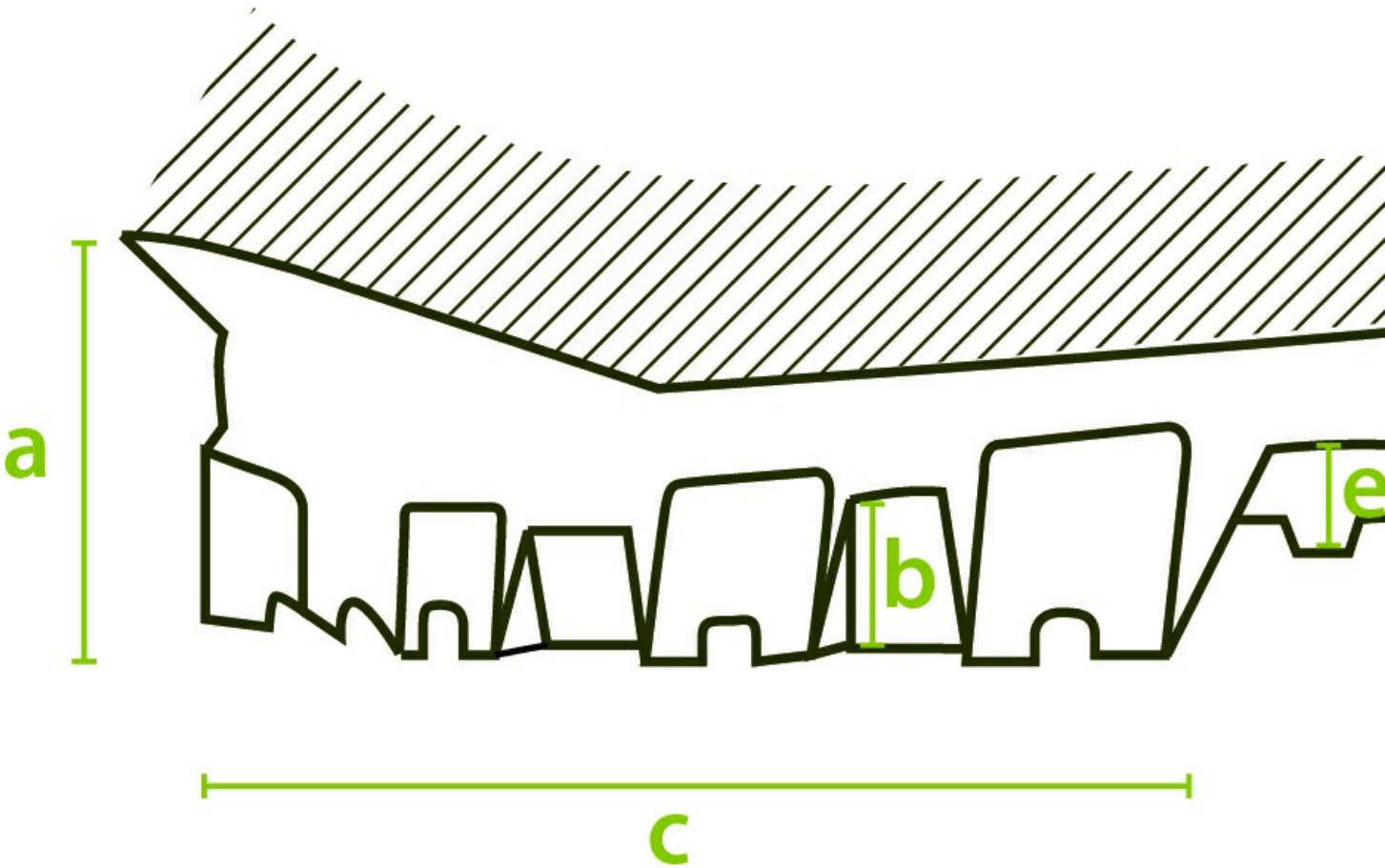
A. Material	
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Fur

B. Seams	
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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 J (requirement ≥ 2
	dry: 1x10 ⁸ - 1x10 ⁹ C
	wet: 1x10 ⁷ - 1x10 ⁹ C
	0.0031 in ³
	60 +/- 10 Sh A
	SRC

[see detailed list](#)

Safety

	Standard	Required	Type	Result
Toe cap & midsole				
Nail penetration resistance	EN ISO 20345:2011	> 1100 N	Metallic	1280 N
Impact resistance (200J)	EN ISO 20345:2011	> 0.55 in	Metallic	0.79 in
Compression resistance	EN ISO 20345:2011	> 0.55 in	Metallic	0.89 in
Width of toe cap	outer measure: 1.9 in			
Height of toe cap	outer measure: 3.7 in			
Toe cap	Steel			

Certificates



EN ISO 20345:2011
1910423-02-86



EN ISO 20345:2011
AB0321/19212-01/E00-00