

## TECHNICAL DATA SHEET

Product:	Military boot black 6967-1 Arpenaz EN Alpitex
Type:	Water resistant leather boot
Size range:	36 – 50
EN ISO 20347:2004	O2, CI, HI, WR
Wight:	1700g +/- 100g (pair, size 42)

### Dimensions (size 42):



Total high	a	23 cm ± 0,5 cm
High inside without insole	b	19 cm ± 0,5 cm
Width in ball	c	10,5 cm ± 0,2 cm
Toe spring	d	3 cm ± 0,2 cm
Soft collar	m	8,5 cm +/- 0,5 cm

### Technical description of materials and components:

Construction type:	Combination of lasting and direct injection technology
Upper leather	<p>Natural, hydrophobic treatment, colour black, box</p> <p>Thickness: 2.0. – 2.2. mm</p> <p>Tensile strength: &gt; 15 N/mm2</p> <p>Tear strength: &gt; 120N</p> <p>Elongation on brake: min 40%</p> <p>Flex resistance according Vamp: zero crack on 100.000 flex</p> <p>Water vapour permeability: &gt; 2,0 mg/cm2h</p> <p>Abrasion resistance according Martindale: wet&gt;25.600 cycles, dry&gt;12.800 cycles</p> <p>Water resistance according Bally: no penetration after 150 min</p>
Collar material	<p>Natural, hydrophobic treatment, colour black</p> <p>Thickness: 0,9 – 1,2 mm</p> <p>Tensile strength: &gt; 15 N/mm2</p> <p>Tear strength: &gt; 120N</p> <p>Elongation on brake: min 40%</p> <p>Flex resistance according Vamp: zero crack on 100.000 flex</p> <p>Abrasion resistance according Martindale: wet&gt;25.600 cycles, dry&gt;12.800 cycles</p> <p>Water resistance according Bally: no penetration after 150 min</p>
Lining	<p>Weight: 230g/m2 +/-5%</p> <p>Abrasion resistance according Martindale: wet&gt;45.000 cycles, dry&gt;100.000 cycles</p> <p>Water vapour permeability: &gt; 2,0 mg/cm2h</p> <p>Water vapour coefficient: &gt; 20 mg/cm2</p> <p>1.layer 85%PA, 15%PES</p> <p>2.layer 100% PUR</p> <p>3.layer 100% PES</p> <p>4.layer 100%PA</p> <p>All seams are protected with waterproof seaming tape</p> <p>Sock construction lining</p>
Sole	<p><u>Outsole: antistatic, antiolio rubber</u></p> <p>Abrasion: less than 150 mm3</p> <p>Thickness of rubber: min.3 mm</p> <p>Profile: from 5 to 7 mm</p> <p>Flex resistance: more than 100.000 flex no cut grow more than 4 mm</p> <p>Hardness: 65 +/-5ShA</p> <p><u>Midsole: polyurethane</u></p> <p>Hardness: 60 +/-5ShA</p> <p>Thickness: front part 12+-2 mm, heel part 25 +/-2 mm</p>
Midsole	Made out of polypropylene compound 35 +/-5ShD for good torsion stability
Insole	<p>Anatomic – antistatic, exchangeable</p> <p>Thickness: 3mm +/-1mm</p> <p>Abrasion according Martindale: wet&gt;25.600 cycles, dry&gt;12.800 cycles</p>

Shoelace	Polyester – polyamide, black, round shape Length: 180 - 200 cm Abrasion resistance: > 250.000 cycles
Eyelets	24 pieces/pair quick lacing system hooks (closed) 4 pieces/pair closed lace blockers Corrosion resistant Black colour

