

Article	BLADE 004
Category	S1 P SRC
Sizes	38 - 47
Width	11
Weight (half pair, sz 42)	400 gr
Metal free	No
Certification	CE



BLADE RUNNERS

UPPER	3D highly breathable and abrasion resistant fabric
LINING	B-dry, extremely breathable polyamide lining. It absorbs moisture quickly and ensures a greater comfort during the whole working day. Optimal resistance to abrasion and anti-bacterial
TOE CAP	Alu-S, aluminium 200J. Ergonomic shape to improve comfort and shoe design. 50% lighter than steel toecaps
ANTI-PERFORATION MIDSOLE	Shield-Pro, non-magnetic, perforation resistance composite fabric plate. It is 40% lighter and more flexible than steel plate and at the same time guarantees an optimal protection covering 100% of the foot surface. Certified EN 12568:2010
FOOTBED	HSR, High Shock Resistant, EVA insole covered with abrasion resistant fabric
SOLE	XL, Extralight, Soft, light, highly slip resistant.

	Requirements	Test Results
UPPER	EN ISO 20345:2011	
Water Vapour Permeability	mg/cmq*h ≥ 0,8	7,5
Water Vapour Coefficient	mg/cmq ≥ 15	66
LINING		
Water Vapour Permeability	mg/cmq*h ≥ 2	11,1
Water Vapour Coefficient	mg/cmq ≥ 20	97,7
TOECAP		
Impact resistance: clearance under the toecap	mm ≥ 14	15
Compression resistance: clearance under the toecap	mm ≥ 14	15,5
ANTI-PERFORATION MIDSOLE		
Penetration resistance (EN ISO 12568:2010)	N ≥ 1100	≥ 1100
ELECTRICAL RESISTANCE		
- wet condition (85% relative humidity)	MΩ ≥ 0,1	74
- dry condition (30% relative humidity)	MΩ ≤ 1000	360
SOLE		
Abrasion resistance: relative volume loss	mm ³ ≤ 150	80
Flexing resistance: cut growth	mm ≤ 4	1
Resistance to fuel oil: volume increase	% ≤ 12	1
Energy absorption of seat region	J ≥ 20	30
Slip resistance on steel ground with glycerine	7° Heel ≥ 0,13	0,22
	Flat ≥ 0,18	0,27
Slip resistance on ceramics ground with detergent	7° Heel ≥ 0,28	0,42
	Flat ≥ 0,32	0,50

bdry ALU-S

Shield PRO

