

Article	INTRUDER
Category	S3 CI HRO SRC
Sizes	38 - 47
Width	11
Weight (half pair, sz 42)	730 gr
Metal free	Yes
Certification	CE



RAIN & COLD

UPPER	water resistant full grain leather and toe cap protection with abrasion resistant leather
LINING	B-dry and Thinsulate™ Ultra Insulation 400gr, thermo-insulating fabric effective up to 30 °C below zero
TOE CAP	non-magnetic toecap, from composite materials. 50% lighter than steel
ANTI-PERFORATION MIDSOLE	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	insole PU 10mm expanded, covered with antibacterial fabric
SOLE	PU/Vibram® rubber with high profile and deep tread for extreme condition of use. Resistant to heat contact up to 300 °C

	Requirements	Test
	EN ISO 20345:2011	Results
UPPER		
Water Vapour Permeability	mg/cmq*h ≥ 0,8	5,7
Water Vapour Coefficient	mg/cmq ≥ 15	53,3
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	71
- dry condition (30% relative humidity)	MΩ ≤ 1000	450
SOLE		
Abrasion resistance: relative volume loss	mm' ≤ 150	50
Flexing resistance: cut growth	mm ≤ 4	1,5
Resistance to fuel oil: volume increase	% ≤ 12	1
Energy absorption of seat region	J ≥ 20	36
Slip resistance on	7° Heel ≥ 0,13	0,15
steel ground with glycerine	Flat ≥ 0,18	0,19
Slip resistance on	7° Heel ≥ 0,28	0,34
ceramics ground with detergent	Flat ≥ 0,32	0,46

Perf Italia Srl. All rights reserved. The data indicated in this sheet can be modified without notice following evolution in materials and products. Version 1.5

bdry

TOP
DEFENCE



Shield PRO

PSD
TECHNOLOGY

