

Article	GTX35 LOW
Category	S1 PL LG FO SR - ESD
Sizes	36 - 48
Width	11
Weight (half pair, sz 42)	560 gr
Metal free	No
Certification	CE

UPPER	Dry-Tech, 3D highly breathable fabric and antiabrasion leather
LINING	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	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	Memorybed Comfortech, memory foam footbed
SOLE	PU double density with optimal absorption of strains on the vertebral column thanks to the use of soft PU midsole. Ladder Grip approved

MEMORYBED comfortech

bdry

ALU-S

SHIELD PRO



GTX BOOSTER collection

	Requirements		Test
	EN ISO 20345:2022	+ A1:2024	Results
UPPER			
Water Vapour Permeability	mg/cm ² *h	≥ 0,8	7,5
Water Vapour Coefficient	mg/cmq	≥ 15	66
LINING			
Water Vapour Permeability	mg/cm ² *h	≥ 2	11,1
Water Vapour Coefficient	mg/cmq	≥ 20	97,7
TOECAP			
Impact resistance: clearance under the toecap	mm	≥ 14	16
Compression resistance: clearance under the toecap	mm	≥ 14	17
ANTI-PERFORATION MIDSOLE			
Penetration resistance (EN ISO 12568:2010)	N	≥ 1100	≥ 1100
ELECTRICAL RESISTANCE			
- wet condition (85% relative humidity)	MΩ	≥ 0,1	19
- dry condition (30% relative humidity)	MΩ	≤ 1000	364
SOLE			
Abrasion resistance: relative volume loss	mm ³	≤ 150	42,5
Flexing resistance: cut growth	mm	≤ 4	0
Resistance to fuel oil: volume increase	%	≤ 12	1,7
Energy absorption of seat region	J	≥ 20	27
Slip resistance on	Condition A	≥ 0,31	0,54
ceramic tile with sodium lauryl sulphate	Condition B	≥ 0,36	0,45
Slip resistance on	Condition C	≥ 0,19	0,28
ceramic tile with glycerine	Condition D	≥ 0,22	0,25

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