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|---------------------------|-------------|
| Article | DENVER HIGH |
| Category | S1 P SRC |
| Sizes | 38 - 47 |
| Width | 11 |
| Weight (half pair, sz 42) | 530 gr |
| Metal free | No |
| Certification | CE |

| | |
|---------------------------------|--|
| UPPER | suede leather |
| LINING | 3D breathable fabric |
| TOE CAP | 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 | assures a cushioning effect on all the foot surface thanks to the multiple 3D-structure in soft PU. Anti-static, breathable, lined with anti-abrasion fabric |
| SOLE | PU flat sole for a better stability. Optimal anti-slip performances |

ALU-S

Shield PRO



METROPOLIS
collection

| | Requirements EN ISO 20345:2011 | Test Results |
|--|-----------------------------------|-----------------|
| UPPER | | |
| Water Vapour Permeability | mg/cm ² *h ≥ 0,8 | 5,1 |
| Water Vapour Coefficient | mg/cmq ≥ 15 | 47,8 |
| LINING | | |
| Water Vapour Permeability | mg/cm ² *h ≥ 2 | 5,9 |
| Water Vapour Coefficient | mg/cmq ≥ 20 | 53 |
| TOECAP | | |
| Impact resistance: clearence under the toecap | mm ≥ 14 | 14,5 |
| Compression resistance: clearence under the toecap | mm ≥ 14 | 20 |
| ANTI-PERFORATION MIDSOLE | | |
| Penetration resistance (EN ISO 12568:2010) | N ≥ 1100 | ≥ 1100 |
| ELECTRICAL RESISTANCE | | |
| - wet condition (85% relative humidity) | MΩ ≥ 0,1 | 4 |
| - dry condition (30% relative humidity) | MΩ ≤ 1000 | 178 |
| SOLE | | |
| Abrasion resistance: relative volume loss | mm ³ ≤ 150 | 35 |
| Flexing resistance: cut growth | mm ≤ 4 | 0 |
| Resistance to fuel oil: volume increase | % ≤ 12 | 1,2 |
| Energy absorption of seat region | J ≥ 20 | 21 |
| Slip resistance on | 7° Heel ≥ 0,13 | 0,16 |
| steel ground with glycerine | Flat ≥ 0,18 | 0,31 |
| Slip resistance on | 7° Heel ≥ 0,28 | 0,29 |
| ceramics ground with detergent | Flat ≥ 0,32 | 0,45 |

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