# TECHNICAL DATA SHEET

## WHITE Loop Mid ESD S2 No. 76016 — Sz. 39 - 48







## LABELLING ACCORDING TO STANDARD

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| Standard for safety footwear EN ISO 20345 S2 | Basic requirement for S2:<br>**A** Antistatic shoe - **E** Energy absorption in the heel - **FO** Fuel resistance - **WRU** Water penetration and water absorption resistant upper - Closed heel area |
| Additional requirements | **SRC** Slip resistance: Slip resistant on floors of ceramic tiles with a sodium lauryl sulfate (SLS) solution and on steel floors with glycerol. When it comes to slip resistance as defined by EN ISO 20345, SRC signifies the best possible rating a safety shoe can reach. |

## FORM

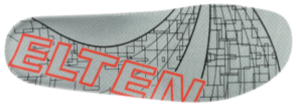
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| Safety laced boot<br> | Form B - in size 42, the upper height must be at least 11.3 cm. |

## AREAS OF APPLICATION

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| Areas of application | Indoors and outdoors<br>Areas where exposure to moisture is expected (S2)<br>Areas where there is a risk of electrostatic discharge (ESDS/ESD) |

## FEATURES

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| ESD equipment | Thanks to its excellent discharge capability, the shoe is suitable for work in ESD sensitive or electrostatically protected areas (EPA). The shoes comply to the standard 61340-5-1. |
| Certification in accordance with DGUV rule 112-191 | • Certified for orthopaedic inserts |
| Full, padded bellows tongue | • Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe. |

| FEATURES | |
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| Collar padding | • Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe. |
| Leather-free equipment | • Suitable for persons allergic to leather |
| **UPPER MATERIAL** | |
| Hydrophobized microfibre | • Areas of application S2/S3<br>• Synthetic material<br>• Particularly soft<br>• Retains its shape<br>• Tear-resistant<br>• Dries quickly<br>• Abrasion-resistant and light<br>• Water penetration and absorption in accordance with EN ISO 20345 S2; an improved resistance against water penetration is achieved by a special hydrophobation of the material |
| **LINING** | |
| Breathable fabric lining | • Climate-regulating<br>• Good ventilation<br>• Skin-friendly<br>• High absorption and emission of moisture |
| Heel pocket lining | • The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort. |
| **TOE PROTECTION CAP** | |
| Steel toe cap  | • Protection against impacts of min. 200 joules and pressure loading of min. 15 kN<br>• Permanent edge coverage for cushioning<br>• Ergonomically shaped<br>• Comfortable toe room<br>• Good coverage of the little toe area |
| **INLAY SOLE** | |
| Full-length inlay sole ESD PRO   | • ESD EQUIPMENT: Protection against electrostatic discharge (ESD). The full-length, exchangeable inlay sole is conductive and designed for the use in ESD safety footwear according to the standards DIN EN ISO 20345 and DIN EN 61340-5-1.<br>• The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.<br>• The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.<br>• The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.<br>• Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry. |

| INSOLE | |
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| ESD soft-fleece insole | ESD equipment: Protection against electrostatic discharge (ESD), and without using additional means fulfilling a bridge function to the outsole.<br>• Approximately 50 % lighter than comparable soles made of natural materials<br>• Flexible and shape-retaining<br>• Good air permeability<br>• Excellent wear resistance<br>• High moisture absorption<br>• Quick drying (virtually overnight) |
| **OUTSOLE** | |
| SAFETY-GRIP mono-density sole with profile<br><br> | • S-line shaped configuration of the tread blocks, for an ergonomic foot roll<br>• Excellent slip resistance<br>• Antistatic |
| | Outsole: PU (polyurethane)<br>• Colour: white<br>• Profile depth: 3.5 mm<br>• Abrasion-resistant<br>• Heat-resistant to approx. 130°C<br>• Flexible at cold temperatures to approx. -20°C<br>• Oil and fuel resistant |