

TECHNICAL DATA SHEET

ACHIM S3 No. 16321


Sz. 36 - 48



LABELLING ACCORDING TO STANDARD

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| Standard for safety footwear EN ISO 20345 S3 | Basic requirement for S3: A Antistatic shoe - E Energy absorption in the heel - FO Fuel resistance - WRU Water penetration and water absorption resistant upper - P Penetration resistance - Closed heel area - Profiled outsole |
| 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  | Form B - in size 42, the upper height must be at least 11.3 cm. |
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AREAS OF APPLICATION

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| Areas of application | Indoors and outdoors Areas where exposure to moisture is expected (S2) Areas where there is a risk of penetration from pointed and sharp objects (S3) |
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FEATURES

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| Sizes (unisex model) | <ul style="list-style-type: none"> Expanded size range: available in sizes 36 - 48 |
| Certification in accordance with DGUV rule 112-191 | <ul style="list-style-type: none"> Certified for orthopaedic inserts  |
| Full, padded bellows tongue | <ul style="list-style-type: none"> Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe. |

FEATURES

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| Collar padding | <ul style="list-style-type: none">• Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe. |
| PU toe protection (polyurethane) | <ul style="list-style-type: none">• Directly applied tip protection• Excellent wear protection in the shoe tip area• Protects the upper material in this area against premature wear |


UPPER MATERIAL

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| Cowhide leather | <ul style="list-style-type: none">• Areas of application S1/S2/S3• Natural material• Wear-resistant• Breathable• Water penetration/absorption in accordance with EN ISO 20345 S2 |
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LINING

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| Breathable fabric lining | <ul style="list-style-type: none">• Climate-regulating• Good ventilation• Skin-friendly• High absorption and emission of moisture |
| Heel pocket lining | <ul style="list-style-type: none">• The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort. |

TOE PROTECTION CAP

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| Steel toe cap  | <ul style="list-style-type: none">• Protection against impacts of min. 200 joules and pressure loading of min. 15 kN• Permanent edge coverage for cushioning• Ergonomically shaped• Comfortable toe room• Good coverage of the little toe area |
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INLAY SOLE

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| Full-length inlay sole JORI  | <ul style="list-style-type: none">• The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.• The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.• Antistatic |
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INSOLE

Antistatic soft-fleece insole

Antistatic, even if 100 % dry, without using additional means fulfilling a bridge function to the outsole.

- Approximately 50 % lighter than comparable soles made of natural materials
- Flexible and shape-retaining
- Good air permeability
- Excellent wear resistance
- High moisture absorption
- Quick drying (virtually overnight)

PENETRATION RESISTANCE

Steel midsole

Best possible protection from below: The corrosion-resistant midsole made of stainless steel complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. Particularly recommendable when working in areas where there is an increased risk of injuries due to pointed or sharp objects, such as in the construction industry.

OUTSOLE

NEW BASIC double-density sole with profile



- Excellent slip resistance
- Antistatic

Outsole: PU (polyurethane)

- Colour: lightgrey
- Profile depth: 3.5 mm
- Abrasion-resistant
- Heat-resistant to approx. 130°C
- Flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant

Midsole: PU (polyurethane)

- The soft PU core provides a good impact absorption and high wearing comfort