



## SIEVI SAFETY FOOTWEAR 2009

### Technical Information Data



Model:      **AL HIT 6 XL+ S3HRO**      Art. No. 48-52459-373-0PM      for sizes 39-48  
                   **AL HIT 6+ S3HRO**         Art. No. 48-52459-372-0PM      for sizes 36-38

- \* Standard:                    - EN ISO 20345: S3 HRO
- \* Sizes:                        - 36-48
- \* Aluminium toecap:        - very light  
                                       - wide fitting  
                                       - 6 different sizes; toecap grows together with boot sizes  
                                       - conforms to EN 345; 200 J impact, 15000 N compression  
                                       - softener attached to toecap corner for more comfort
- \* Steel mid-sole:             - conforms to EN 345; 1100 Newton penetration resistance.
- \* Shank:                        - built in the boot construction to give support for feet, knees, and back, thereby preventing backache and aching or fatigued feet  
                                       - special plastic material; light and very strong
- \* Last:                            - extra spacious, foot form anatomic last, width 12 for sizes 39-48 and width 10.5 for sizes 36-38. Natural form allows foot muscles the best exercise. Contributes to the total well being of the person.
- \* Upper:                         - Permair Protector -leather; better resistance against dirt, water, oil and chemicals than normal leather  
                                       - many times better abrasion resistance than normal leather  
                                       - breathable, according to EN 345  
                                       - thickness 2.0 – 2.2 mm  
                                       - reflective stripe on side
- \* Lining:                         - blend of wool with synthetic material; excellent foot comfort

- \* Fastening:
  - Quick lace-up front, and zipper for easy removal once adjusted to fit.
  - gives excellent ankle support
  - 3 D-rings together with 3 tunnel hooks
  - material corrosion resistant steel
  - nickel free
  
- \* Insole:
  - synthetic, hygienic fibre, highly abrasion resistant
  - antistatic and ESD
  - thickness min. 2.5 mm
  
- \* Removable insole:
  - shaped Sievi Comfort insole
  - antistatic and ESD
  - breathable, machine-washable at 40 Celsius
  
- \* Heel support:  
(stiffener)
  - supports the feet from behind and side
  - in-built stiffener ensures a strong heel construction; the boot holds its form well
  
- \* Sole:
  - Nitrile Rubber outer sole combined with middle layer of Sievi's own innovation FlexStep Polyurethane material, injection moulded.  
The sole has the following benefits:
  - excellent shock absorption under the whole foot
  - light and flexible
  - reduces fatigue
  - antistatic and ESD
  - good bond between upper and sole
  - slip resistant material and sole pattern
  - slip resistant, oblique safety heel
  - additional external PU-bump cap injection moulded on the toe part as one piece together with the sole (safe: cannot come off)
  - cold flexing resistance tested down to -25 Celsius
  - the Nitrile rubber outsole is heat resistant to 300 Celsius (=HRO)
  - black shock absorbent middle layer of Polyurethane gives effective insulation against heat and against cold
  - resistant to oil, fuel, and most chemicals
  
- \* Other details:
  - Information leaflet is included in every boot box.
  
- \* Certified Quality Control System: ISO 9001
  
- \* Certified Environmental Management System: ISO 14001