

SIEVI SAFETY FOOTWEAR 2009

Technical Information Data



Model: AL HIT 4 XL+ S3HRO Art. No. 48-52409-373-0PM for sizes 39-48
AL HIT 4+ S3HRO Art. No. 48-52409-372-0PM 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, hereby preventing backache and aching or fatigued feet

- special plastic material; light but 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

* Lining: - synthetic materials

- absorbs perspiration keeping feet drier

dries fastbreathable

- good abrasion resistance

* Fastening: - 5 D-rings fastening

- material corrosion resistant steel

- nickel free

* Insole: - synthetic, hygienic fibre, highly abrasion resistant

- totally antistatic

- thickness min. 2.5 mm

* Removable insole: - shaped Sievi Comfort insole

- antistatic and ESD

- breathable, machine-washable at 40 Celsius

* Heel support: - material leather fibre

(stiffener) - gives support for feet from behind and side

- strong heel construction; the boot holds its form well

* Sole: - Direct-injection moulded; Nitrile Rubber outer sole combined

with middle layer of Sievi's own blend FlexStep-material of injection moulded Polyurethane, featuring the following benefits:

- excellent shock absorption under the whole foot

light and flexiblereduces fatigue

- antistatic and ESD

- good bond between upper and sole

- slip resistant material and sole pattern

- slip resistant, oblique safety heel

- cold flexing resistance tested in -25 C

- additional external PU-bump cap injection moulded on the toe part

as one piece together with the sole (can not come off)

- the Nitrile rubber outsole is heat resistant to 300 Celsius (=HRO)

- black shock absorbent middle layer of Polyurethane (heat resistant to 180 Celsius) gives effective insulation against heat and 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