

PROTECT
by **schein**

**STRONG
COMBO**
WITH ORTHOPAEDIC
INSOLES

**READY FOR
SOMETHING
NEW?**

FOR SURE



schein orthopädie
service
Germany since 1879

WeXhelp

INCREASING QUALITY OF LIFE
AND WELLBEING OF PEOPLE!

PROTECT

by **schein**

**WHEN IT COMES TO COMFORTABLE
SAFETY FOOTWEAR IN
THE WORKPLACE, WE DON'T DO
THINGS BY HALVES.**

**OUR FOCUS IS ON HOLISTIC CARE
FROM A SINGLE SOURCE.**



LACK OF SAFETY FOOTWEAR AND THE CONSEQUENCES.

ONLY **13%**
WITH INSOLES

Although misalignment of the foot was diagnosed in the case of more than **75%** of wearers of safety footwear, only **13%** had insoles fitted.

ONLY **2%**
RECEIVE ORTHOPAEDIC CARE

Despite misalignment of the foot, only 2% of those affected receive orthopaedic care.

NON
STANDARD

Very few orthopaedic insoles meet the standards of DGUV 112-191.

23%
EXPERIENCE PAIN

Among shoe-related complaints, the most frequently mentioned are pain (23%), pressure points (19%), blisters (10%) and redness (8%).

30%
OF ALL ACCIDENTS

are due to the lack of or use of improper work footwear, as shown by the example from the wood and metal sector. Less safety means more sick days, more downtime and less efficiency. The follow-up costs for a loss of working hours are significantly higher than investment in high-quality orthopaedic foot protection.



€123.29

DOWNTIME COSTS PER SICK DAY

In 2018, the employees were unfit for work for an average of 12.3 days. In the case of an employee with annual payroll costs of €45,000 including social security contributions, this equates to €123.29 in absence costs per sick day. If follow-up costs and production downtimes are added to this, downtime costs can come to an average of around €400.

54%

ARE UNSATISFIED

Only 46% of safety footwear wearers are satisfied with their footwear. Sweating, odour and appearance are listed as the main drawbacks.

A WINNING FORMULA:

Utilise this potential and meet the need for orthopaedic safety footwear with our strong Protect by Schein combinations.

- ✔ **Shoe + blanks + finishing material**
- ✔ **Safety footwear conforming to standards**
- ✔ **High-quality orthopaedic care**
- ✔ **Profiling in safety footwear sector**

A photograph of three men in a workshop setting. On the left, a young man with curly hair and a beard, wearing a white t-shirt and dark overalls, is smiling and shaking hands with an older man on the right. The older man has white hair, wears glasses, and a light blue button-down shirt. In the center, another man with a beard and short hair, wearing a white t-shirt and dark overalls, is also smiling and looking towards the older man. The background is a blurred workshop with various tools and equipment.

GREAT POTENTIAL. FOR YOU AND YOUR CUSTOMERS.

**THE POTENTIAL OF ORTHOPAEDIC SAFETY FOOTWEAR
IS OFTEN UNDERESTIMATED –
BY BOTH EMPLOYEES AND EMPLOYERS.**

Safety, prevention, comfort, satisfaction . . . there is a great demand for tailored, comfortable safety footwear based on individual specifications. As a result, orthopaedic foot protection should be taken into account when purchasing new safety footwear.

THE BEST INVESTMENT: HOLD ON TO YOUR WORKFORCE.

THERE IS A NEED FOR EDUCATION AND ADVICE IN MANY RESPECTS.

We provide you with information to help advise companies, safety officers and employees looking for orthopaedic foot protection.

FOR EMPLOYERS

- ✓ Safety footwear conforming to standards PLUS orthopaedic protection
- ✓ Maximum safety as all relevant standards and required criteria are verified
- ✓ Maximum occupational safety = fewer sick days and higher employee satisfaction
- ✓ Prevention of sick days and downtime
- ✓ Untreated foot misalignment & foot conditions lead to reduced performance in the long term
- ✓ Healthy employees are more efficient
- ✓ Defective, substandard, improperly fitting shoes are not worn
- ✓ Efficiency: no tedious searching for the right products that work together
- ✓ Every work stoppage is more costly than orthopaedic safety footwear
- ✓ Image of a leading employer: 'We care'

FOR EMPLOYEES

- ✓ Maximum safety as all relevant standards and required criteria are verified
- ✓ Individual insole fitting or footwear adjustment in accordance with foot diagnosis and usage
- ✓ High comfort, joint-friendly soles, less tiredness
- ✓ Footwear tailored to the workplace
- ✓ Material, shoes and insole blanks are optimally tailored to one another
- ✓ High quality with regard to optimal environment for the feet
- ✓ Selection of various shoe types and insole blanks
- ✓ Modern, sporty design
- ✓ Cost coverage through certification

STRONG COMBO

FOR A COMFORTABLE
EXPERIENCE.



✓ HIGHEST
QUALITY
STANDARDS



✓ EXTENSIVE
ORTHOPAEDIC
EXPERIENCE



✓ OPTIMUM
WEARING
COMFORT

BENEFIT FROM A NEW APPROACH TO SAFETY
FOOTWEAR THAT COMBINES ALL ASPECTS.



**ORTHOPAEDIC
INSOLE BLANKS
FROM SCHEIN**

**SAFETY FOOTWEAR
FROM SCHEIN**

Whether it's in relation to insole fitting or the manufacture of shoes, we are a reliable partner in orthopaedic specialist trade and have been consistently driving progress in orthopaedic shoe technology for more than 140 years.

When it comes to orthopaedic solutions for safety footwear, we have established a strong foothold and have identified that it is about more than simply providing high-quality products. It is about meeting a wide range of safety standards. The precise knowledge of which safety footwear can be used with which insole blank.

Not to forget the smooth collaboration with optimum support from the health trade professions. In short, it is about the perfect combination of everything – and this is exactly what you get with Protect by Schein, all in one for the first time.

An essential combo: you can't have one without the other.

With Protect by Schein, the shoe and insole blank are checked in combination and have passed the EC type-examination. The safety-related tests are always carried out in/on the installed shoe. Neither you nor your customers need to worry about which insole blank goes with which shoe, because you always get the right combination.

REQUIREMENTS MET? CHECKED AND CERTIFIED!



ALL PROTECT BY SCHEIN MODELS MEET THE SPECIFICATIONS FOR PERSONAL PROTECTIVE EQUIPMENT (PPE) AND THE EUROPEAN STANDARDS FOR THE PRODUCTION OF SAFETY FOOTWEAR.

In accordance with the German Occupational Health and Safety Act, the choice of safety footwear is preceded by a risk assessment in which hazards and stresses such as the risk of slipping or falling objects, as well as stress on the joints, are identified.

Our safety footwear is produced in accordance with the specifications of the EU Regulation 2016/425.

In standard EN ISO 20345, the EU has defined all of the basic and additional requirements for safety footwear. The relevant certificates are available.

PROTECT BY SCHEIN MEETS ALL REQUIREMENTS

- ✔ European standard EN ISO 20345:2011
- ✔ ESD standard
- ✔ SRC non-slip value according to EN ISO 20345

ESD-CAPABLE



One of the most important characteristics of safety footwear is electrostatic discharge ('electro static discharge' = ESD).

In some professions, it is necessary for specific areas to be protected against electrostatic discharge. The EN 61340-5-1 standard defines the requirements for the protection of electronic components against electrostatic phenomena. All Protect by Schein-safety footwear is ESD-capable.

Please note: ESD-capable footwear is also antistatic. However, not all antistatic footwear is ESD-capable.

SAFETY CLASSES

Our type-examined shoes cover the safety classes S1P and S3 according to EN ISO 20345:2011.

Safety classes/Properties	SB	S1	S1P	S2	S3
Steel cap 200 joules	•	•	•	•	•
A: Antistatic		•	•	•	•
E: Energy absorption in heel area		•	•	•	•
F0: Sole resistant to oil and petrol		•	•	•	•
Sealed heel area		•	•	•	•
WRU: Resistance of upper part of shoe to water penetration and water absorption				•	•
P: Puncture-resistant sole			•		•
Profiled outsole (2.5 mm profile)					•

PROTECT SAFETY CLASS S1P



Our three shoe models Flash, Power and Safety meet the requirements of protection class S1P:

-  Lightweight, durable, metal-free Contender caps; no tapering of cap to outsole
-  Fuel-resistant (FO)
-  Maximum slip resistance (SRC)
-  Extremely flexible outsole
-  Energy absorption of protective toecap 200 joules
-  Sealed heel area
-  Type-examined for insole fitting and for orthopaedic adjustment
-  Metal-free puncture-resistant (P) Ibisafe
-  Antistatic (A)
-  Metal-free
-  Energy absorption in heel area (E)
-  ESD-capable



PROTECT SAFETY CLASS S3

Our three shoe models Guard, Steel and Hammer meet the requirements of protection class S3:

-  Steel caps – no tapering of cap to outsole
-  Protection from water penetration and water absorption (WRU)
-  Lightweight, durable, metal-free Contender caps; no tapering of cap to outsole
-  Fuel-resistant (FO)
-  Maximum slip resistance (SRC)
-  Extremely flexible outsole
-  Energy absorption of protective toecap 200 joules
-  Sealed heel area
-  Type-examined for insole fitting and for orthopaedic adjustment
-  Antistatic (A)
-  Metal-free puncture-resistant (P) Ibisafe
-  Energy absorption in heel area (E)
-  ESD-capable



COMPLETE SERVICE. ZERO RISK.

CORRECT MEASUREMENT AND CONVENIENT ORDERING
ARE ALSO SOME OF THE BENEFITS OF OUR
ALL-ROUND CARE PACKAGE.



MEASUREMENT

With our specially made foot measuring device, it is easy to calculate the correct shoe size.



ORDERING

All items are available from stock. Use our proven ordering system to place your orders.



For more information, visit: www.schein-protect.de



PROTECT BY SCHEIN

FLASH



Safety footwear S1P Item no. 048555 **Sizes** 36–48 **Width** 11
Nubuck/textile combination with textile functional lining EN ISO 20345:2011



Lightweight, durable, metal-free Contender caps; no tapering of cap to outsole



Maximum slip resistance (SRC)



Extremely flexible outsole



Type-examined for insole fitting and for orthopaedic adjustment



Metal-free puncture-resistant (P) Ibisafe



Metal-free



ESD-capable



PROTECT BY SCHEIN

POWER



Safety footwear S1P Item no. 048570 Sizes 36–48 Width 11

Microfibre with textile functional lining EN ISO 20345:2011



Lightweight, durable, metal-free Contender caps; no tapering of cap to outsole



Maximum slip resistance (SRC)



Extremely flexible outsole



Type-examined for insole fitting and for orthopaedic adjustment



Metal-free puncture-resistant (P) Ibisafe



Metal-free



ESD-capable

PROTECT BY SCHEIN

SAFETY



Safety footwear S1P Item no. 048585 **Sizes** 36–48 **Width** 11
Microfibre with textile functional lining EN ISO 20345:2011



Lightweight, durable, metal-free Contender caps; no tapering of cap to outsole



Maximum slip resistance (SRC)



Extremely flexible outsole



Type-examined for insole fitting and for orthopaedic adjustment.



Metal-free puncture-resistant (P) Ibisafe



ESD-capable





PROTECT BY SCHEIN

GUARD



Safety footwear S3 Item no. 048560 Sizes 36–48 Width 11

Microfibre with textile functional lining EN ISO 20345:2011



Lightweight, durable, metal-free Contender caps; no tapering of cap to outsole



Maximum slip resistance (SRC)



Extremely flexible outsole



Type-examined for insole fitting and for orthopaedic adjustment



Metal-free puncture-resistant (P) Ibisafe



ESD-capable

PROTECT BY SCHEIN

STEEL



Safety footwear S3 Item no. 048500 **Sizes** 36–48 **Width** 12

Microfibre with textile functional lining EN ISO 20345:2011

-  Steel caps with no tapering of cap to outsole
-  Maximum slip resistance (SRC)
-  Extremely flexible outsole
-  Type-examined for insole fitting and for orthopaedic adjustment
-  Metal-free puncture-resistant (P) Ibisafe
-  ESD-capable



PROTECT BY SCHEIN

HAMMER



Safety footwear S3 Item no. 048511 **Sizes** 36–48 **Width** 12
Nubuck/textile combination with textile functional lining EN ISO 20345:2011



Steel caps with no tapering of cap to outsole



Maximum slip resistance (SRC)



Extremely flexible outsole



Type-examined for insole fitting and for orthopaedic adjustment



Metal-free puncture-resistant (P) Ibisafe



ESD-capable



FOR THOSE WHO LIKE TO GO ALL OUT.

WE BRING ALL OF OUR EXPERTISE TO BEAR:
INSOLE BLANKS AND ADJUSTMENT MATERIALS
ARE NOT EXTRAS WITH PROTECT BY SCHEIN,
BUT PART OF THE OVERALL FOOT PROTECTION CONCEPT.



ORTHOPAEDIC INSOLE BLANKS

- ✓ **BENEFIT FOR YOU:**
A type-examined combination
of safety footwear and
orthopaedic insole blanks.

- ✓ **BENEFIT FOR YOUR CUSTOMERS:**
Expert orthopaedic foot protection.

DOUBLE THE SAFETY, SAVE TIME & COSTS.

OUR RANGE OF BLANKS IS AS DIVERSE AS THE REQUIREMENTS AND OBJECTIVES IN ORTHOPAEDIC INSOLE FITTING.

Four blanks – one goal: tailored foot protection. You can choose between supporting and cushioning insole blanks made from different materials. All blanks can be individually modified to meet the respective needs and indications.

With Protect by Schein, the insole blanks are type-examined together with our safety footwear. They are also optimally matched to the footwear design in their height and contours. This makes subsequent individual customisations easier.

OVERVIEW OF BLANKS

NOVAPED PROTECT

S90

Insole blanks



NOVAPED PROTECT

CARBON

Insole blanks



PROTECT BY SCHEIN SAFETY FOOTWEAR WITH ORTHOPAEDIC INSOLE BLANKS HAVE ALWAYS GONE THROUGH THE RELEVANT CHECKS IN COMBINATION.

An EC type-examination is required for all orthopaedic foot protection. Here, the Protect safety footwear goes through all the relevant checks together with the orthopaedic insole blanks. The use of insole blanks and adjustments that have not been checked together is not permitted. This is because the shoe would have been altered compared to the type-examination. Important protective functions such as electrical conductivity may be impaired. This has serious consequences in terms of protection and liability – including for those who initiated and carried out the changes.

PROTECT BY SCHEIN SAFETY FOOTWEAR

- ✔ always with combination of shoe and orthopaedic insole blank (type-examined)

Manufacturing instructions

Please take note of the manufacturing instructions if you make any structural changes to the safety footwear, i.e. inserting insole blanks or adjusting the sole. The manufacturing instructions specify aspects such as the maximum height of the insole around the toecap as well as which adhesive and materials may be used.



The manufacturing instructions are included with the blanks and are also available at [schein.de](https://www.schein.de)

NOVAPED PROTECT

SOFT

Insole blanks



NOVAPED PROTECT

ACTIVE

Insole blanks



PERFECTLY PREPARED PROTECT BY SCHEIN INSOLE BLANKS.

NOVAPED PROTECT S90



Insole blanks



Type-examined for use in Protect safety footwear

Sizes: **36-48**

Item no. **959600000** (fully bonded) Item no. **959600550** (loose cover)

- ✔ Foil technology substructure
- ✔ Forefoot perforation
- ✔ Heel notch with PU padding
- ✔ Integrated PU heel cushioning
- ✔ Long-sole padding
- ✔ Conductive padding material
- ✔ Padded cover
- ✔ Thermoformable load-bearing element
- ✔ Drop-shape foam rubber pad
- ✔ Microfibre cover
- ✔ ESD-conductive
- ✔ Adjustable
- ✔ Thermoformable

NOVAPED PROTECT CARBON

Insole blanks



Type-examined for use in Protect safety footwear

- ✓ Supporting carbon insole blank
- ✓ Carbon technology substructure
- ✓ Forefoot perforation
- ✓ Notch at heel and base of plantar fascia with PU padding
- ✓ Integrated PU heel cushioning
- ✓ Long-sole padding
- ✓ Conductive padding material
- ✓ Padded cover
- ✓ Anatomically shaped foam rubber pad
- ✓ Microfibre cover
- ✓ ESD-conductive
- ✓ Adjustable
- ✓ Lightweight

Sizes: **36-48**

Item no. **989600000** (fully bonded)

Item no. **989600550** (loose cover)



NOVAPED PROTECT SOFT

Insole blanks



Type-examined for use in Protect safety footwear



Sizes: **36–48**

Item no. **979600000** (fully bonded) Item no. **979600011** (blanks bonded in heel)

- ✔ Cushioning insole blank
- ✔ Shaping element:
Multiforte EVA 40 Shore A
- ✔ Thermoplastic stability core
- ✔ Forefoot perforation
- ✔ Heel with additional PU padding/heel padding,
2 mm resorb
- ✔ Integrated PU heel cushioning
- ✔ Long-sole padding
- ✔ Conductive padding material
- ✔ Insole-adaptable substructure
- ✔ Drop-shape foam rubber pad
- ✔ Microfibre cover
- ✔ ESD-conductive
- ✔ Adjustable

NOVAPED PROTECT ACTIVE

Insole blanks



Type-examined for use in Protect safety footwear

- ✓ Cushioning milling blank
- ✓ Basis: multiform EVA esd 35 Shore A
- ✓ Consists of multiform ESD, 36° Shore A and multiform orange 30° Shore A
- ✓ Forefoot perforation
- ✓ Heel notch with cushioning
- ✓ Light heel cup
- ✓ Long-sole padding
- ✓ Drop-shaped pad
- ✓ Microfibre cover
- ✓ Loose cover (cover combo of textile and 1 mm multiform ESD)
- ✓ ESD-conductive
- ✓ Adjustable

Sizes: **36-48**

Item no. **779600000** (loose cover)



ADJUSTMENT MATERIAL & MEASURING HELP



PROTECT BY SCHEIN STARPUR ESD, BLACK

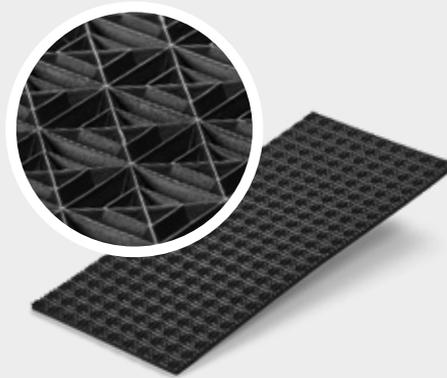
- + PUR support sheet
- + Suitable for modifying safety footwear with PUR soles
- + Antistatic
- + Non-slip
- + Oil and petrol-resistant
- + Extremely lightweight
- + Checked according to DIN EN ISO 20344/20345

Size 1 (small)

- 010693003** Starpur 150 mm x 350 mm x 3 mm
- 010693006** Starpur 150 mm x 350 mm x 6 mm
- 010693009** Starpur 150 mm x 350 mm x 9 mm
- 010693018** Starpur 150 mm x 350 mm x 18 mm

Size 2 (large)

- 010693606** Starpur 600 mm x 430 mm x 6 mm
- 010693609** Starpur 600 mm x 430 mm x 9 mm
- 010693612** Starpur 600 mm x 430 mm x 12 mm
- 010693618** Starpur 600 mm x 430 mm x 18 mm



PROTECT BY SCHEIN STAR HD, DARK BROWN

Heel sheet suitable for modifying safety footwear with PUR soles

- + Antistatic, non-slip, oil and petrol-resistant
- + Checked according to DIN EN ISO 20344/20345
- + ÖNORM-compliant

- 010696055** Star HD 700 mm x 530 mm x 5,5 mm



PROTECT BY SCHEIN MILLING BLOCK

Multiform-ESD milled materials on request.

- + Various contours/blocks possible



For the perfect combination of safety and fit.

Whether it's support and heel sheets, milling blocks, adhesive or our own measuring system – our materials for footwear adjustment are perfectly tailored to the Protect by Schein safety footwear.



PROTECT BY SCHEIN KÖRACUR TR 280

- + Adhesive additive for improving the heat, moisture, oil, grease and plasticiser resistance of adhesives
- + 0.1 kg

R10628001



PROTECT BY SCHEIN KÖRAPLAST 182 A

- + PUR-based adhesive
- + Antistatic
- + Colourless
- + Highly heat-resistant
- + Specially for safety footwear
- + 0.66 kg

R10625010



PROTECT BY SCHEIN FOOT MEASUREMENT SYSTEM

- + For optimal size calculation of Schein Protect footwear

032641002

PROTECT

by schein

www.schein-protect.de

GET IN TOUCH
VIA WHATSAPP:



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