Wolfgang Warmbier®

OCCUPATIONAL SHOES AND WORKWEAR

CATALOGUE 2021

WOLFGANG WARMBIER GMBH & CO. KG

Information video

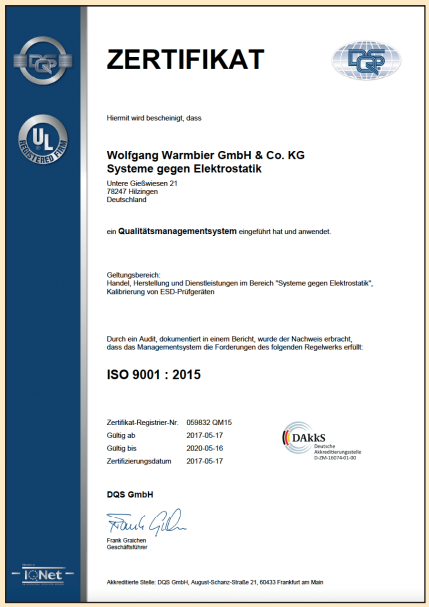
Company Wolfgang Warmbier is located in the south of Germany near the Swiss border. The privately owned company has been producing and distributing ESD control products on its 23.000 sqm facility since 1982.

An annex to the existing building, built between May 2012 and August 2013, created additional 4700 square meters of office and warehouse space. The storage capacity currently amounts to over 6500 pallet spaces. Furthermore, the new building includes an additional ESD laboratory with a walk-in climate chamber and a training center for 50 people.

Besides production and distribution, our activities include EPA consulting and planning, ESD training and workshops, ESD audits, and material analyses according to the current ESD standards.

Warmbier also specializes in tailoring products to meet the customers ever growing demands for non standard products. Over the last few years we invested in new machinery to optimize and expand production. As well as packaging we also cut table and floor mats to order.

QUALITY CONTROL SYSTEM



ZERTIFIKAT

Hiermit wird bescheinigt, dass

Wolfgang Warmbier GmbH & Co. KG
Systeme gegen Elektrostatik
Untere Gießwiesen 21
78247 Hilzingen
Deutschland

ein **Qualitätsmanagementsystem** eingeführt hat und anwendet.

Geltungsbereich:
Handel, Herstellung und Dienstleistungen im Bereich "Systeme gegen Elektrostatik", Kalibrierung von ESD-Prüfgeräten

Durch ein Audit, dokumentiert in einem Bericht, wurde der Nachweis erbracht, dass das Managementsystem die Forderungen des folgenden Regelwerks erfüllt:

ISO 9001 : 2015

Zertifikat-Registrier-Nr.	059832 QM15
Gültig ab	2017-05-17
Gültig bis	2020-05-16
Zertifizierungsdatum	2017-05-17

DAkkS Deutsche Akkreditierungsstelle D-ZM-16024-01-00

DQS GmbH

Frank Graichen
Geschäftsführer

Akkreditierte Stelle: DQS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main

IQNet
THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and
DQS GmbH Deutsche Gesellschaft zur Zertifizierung von Managementsystemen
hereby certify that the company

Wolfgang Warmbier GmbH & Co. KG
Systeme gegen Elektrostatik
Untere Gießwiesen 21
78247 Hilzingen
Germany

has implemented and maintains a **Quality Management System**.

Scope:
Consulting, manufacturing and supply of static control materials and systems, ESD test instruments calibration

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Valid from	2017-05-17
Valid until	2020-05-16
Date of certification	2017-05-17

Registration number: DE-059832 QM15

Michael Drechsel
President of IQNet

Frank Graichen
Managing Director of DQS GmbH

IQNet Partners**:
AENOR *Spain* AFNOR Certification *France* AIB-Vinçotte International *Belgium* APCER *Portugal* CCC *Cyprus* CISQ *Italy* CQC *China* CQM *China* CQS *Czech Republic* Cro Cert *Croatia* DQS Holding GmbH *Germany* FCAV *Brazil* FONDONORMA *Venezuela* ICONTEC *Colombia* IMNC *Mexico* Inspecta Certification *Finland* INTECO *Costa Rica* IRAM *Argentina* JQA *Japan* KFQ *Korea* MIRTEC *Greece* MSZT *Hungary* Nemko AS *Norway* NSAI *Ireland* PCBC *Poland* Quality Austria *Austria* RR *Russia* SIQ *Slovenia* SIRIM QAS *International Malaysia* SQS *Switzerland* SRAC *Romania* TEST St Petersburg *Russia* TSE *Turkey* YUQS *Serbia*
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

* This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document
** The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

Since 1998 Company Wolfgang Warmbier maintains a Quality Control System certified by the DQS GmbH.

Download certificates

ISO 9001:2015
Reg. Nr. 059832 QM15

Wolfgang Warmbier®

ABEBA®

- STEEL TOE-CAP
- BREATHABLE
- REPLACEABLE INSOLE
- WASHABLE AT 30°C / 60 °C
- AUTOCLAVABLE, STERILISABLE SPECIAL MATERIAL
- ORTHOSTAT (INSOLE)
- RAISED SOLE POSSIBLE
- METALFREE PENETRATION RESISTANCE
- DAMPING
- FOLDABLE HEEL STRAP

STEITZ SECURA®

- STEITZ FLEX-ZONE
- METALFREE
- VARIO® REBOUND TECHNOLOGY
- WEIGHT CALCULATED HEEL SHOCK ABSORPTION VARIO®
- STEITZ FITTING SYSTEM
- COMPOSITE TOE CAP
- ALUMINIUM TOE CAP
- STEEL TOE CAP
- NATURAL LEATHER INSOLE
- CERTIFIED FOR GERMAN FOOT/INSOLE TREATMENT
- TEXTILE PUNCTURE RESISTANCE

ELECTRA

- LEATHER

ESD STANDARD

EN 61340-5-1 / IEC 61340-5-1

BIRKENSTOCK®

- SOFT FOOTBED — Items that have a pleasantly soft feel from the first step, with no need to break them in.
- LEATHER — Items that are made of leather.

PEZZOL

- ELECTROSTATIC DISSIPATIVE
- PERFORATION RESISTANT
- RESISTANT TO 200 JOULES
- ENERGY ABSORPTION OF HEEL REGION
- FUEL- AND OIL RESISTANT

ELTEN

- PENETRATION RESISTANCE
- REFLECTIVE MATERIAL
- SLIP RESISTANCE
- CUSHIONING SYSTEM
- ORTHOPAEDIC FOOT PROTECTION
- FIT SYSTEM
- PLUS X AWARD

ESD PROTECTED AREA (EPA)

ESD protected area (sample configuration)

① Marking of an Electrostatic Protected Area (EPA)

② Personnel Grounding Tester for testing „wrist strap grounding system“ and “Person footwear system”

③ Conductive or dissipative flooring system for Personnel Grounding over “Person footwear system”, grounding of ESD chairs, ESD transport carts etc.

④ ESD shoes, heel grounder or toe grounder for „Personnel Grounding“

⑤ Wrist strap system for grounding of Personnel in seating position

⑥ ESD garments are shielding the electrostatic fields of the normal clothing

⑦ ESD chairs minimize the chargeability of Personnel when getting up and additionally ground a person when sitting down

⑧ ESD Workstation with dissipative bench top and dissipative shelves

⑨ Galvanized steel shelving system will secure, when grounded properly, the dissipation of charges from conductive or dissipative transport systems and packaging

⑩ Utility Cart with 4 conductive castors

⑪ ESD packaging (conductive, dissipative and/or ESD shielding) is needed for a proper transport of electronic components and boards within and outside an EPA.

⑫ Storage racks are used to store ESDS (Electrostatic Sensitive Devices)

⑬ Ionisers can neutralise electrostatic charges on process relevant isolators

⑭ ESD safe office equipment like ring binders and lighting magnifiers prevent the danger of electrostatic fields at workstations

⑮ Test and measurement equipment is needed for verification of all the different ESD items within an EPA

SAFETY AND PROFESSIONAL SHOE CATEGORIES

S1 — **S1 safety shoes:**
Heel protection, 200 joule tested toe cap made of steel, aluminium or composite, energy absorption in the heel area

S1P — **S1P safety shoes:**
Like S1 + penetration-resistant midsole

S2 — **S2 safety shoes:**
Like S1 + certain protection against moisture, **no** penetration-resistant midsole

S3 — **S3 safety shoes:**
Like S1 + penetration-resistant midsole + certain protection against moisture

SB — **SB safety shoes:**
Slip resistance acc. to SRA, SRB or SRC.
With 200 joule tested toe cap

OB — **OB professional shoes:**
Slip resistance acc. to SRA, SRB or SRC.
Minimum requirement acc. to EN ISO 20347, without toe cap

O1 — **O1 professional shoes:**
Heel protection, energy absorption in the heel area, without toe cap

O2 — **O2 professional shoes:**
See O1 + certain resistance to moisture and humidity

SRA Slip resistance ceramic tiles / floor cleaner

SRB Slip resistance steel floor / glycerin

SRC SRA + SRB

CONTENTS

4 Safety shoes

30 Professional shoes

52 Insoles & Accessories

62 Test and Measurement

66 Workwear

79 Workwear Accessoires

We believe that all the information in this catalogue, including technical data, weights and sizes to be reliable. However, we make no warranties expressed or implied and assume no liability regarding any use of this information. All the products listed in this catalogue are subject to our general conditions of sales, supply and payment terms.

PEZZOL

OUTSOLE

TYRE PU-PU – FIBERGLASS TOE CAP

Dual-density TYRE PU-PU outsole with colored TPU inserts. Maximum flexibility and lightness through the use of Smart Injection Technology. Certified acc. to EN ISO 20345.

High safety and stability due to the abrasion-resistant, slip-resistant (SRC) TYRE PU-PU outsole.

Dissipative acc. to EN IEC 61340-4-3 / EN 61340-5-1.

TYRE PU-PU SRC

S1 PEZZOL MONTEREY

- Norm: EN ISO 20345
- Upper: Mesh textile + PU Overwelding-Technology
- Lining: Spyder-Net 3D-breathable, elastic textile
- Sole: TYRE PU-PU SRC
- Toe cap: Fiberglas PZ88
- Insoles: T-01 (part no. 2585.T01)

Part no.	Colour	Sizes
2585.164.005	Black	36 - 47

S1 PEZZOL CHILE

- Norm: EN ISO 20345
- Upper: X-Weave high tenacity nylon with high abration and scratch resistance
- Lining: Spyder-Net 3D-breathable, elastic textile
- Sole: TYRE PU-PU SRC
- Toe cap: Fiberglas PZ88
- Insoles: T-01 (part no. 2585.T01)

Part no.	Colour	Sizes
2585.169.004	Grey	36 - 47

S1 PEZZOL MONACO

- Norm: EN ISO 20345
- Upper: Microtech microfiber
- Lining: Spyder-Net 3D-breathable textile
- Sole: TYRE PU-PU SRC
- Toe cap: Fiberglas PZ88
- Insoles: T-01 (part no. 2585.T01)

Part no.	Colour	Sizes
2585.190.003	Black	36 - 47

S1 PEZZOL LIMA

- Norm: EN ISO 20345
- Upper: Mesh textile + PU Overwelding-Technology
- Lining: Spyder-Net 3D-breathable textile
- Sole: TYRE PU-PU SRC
- Toe cap: Fiberglas PZ88
- Insoles: T-01 (part no. 2585.T01)

Part no.	Colour	Sizes
2585.164.004	Black	36 - 47

S1P PEZZOL CORDOBA

- Norm: EN ISO 20345
- Upper: X-Weave high tenacity breathable nylon with high abration and scratch resistance
- Lining: Spyder-Net 3D-breathable, elastic textile
- Sole: TYRE PU-PU SRC
- Toe cap: Fiberglas PZ88
- Perforation resistant: Txzero insole
- Insoles: T-01 (part no. 2585.T01)

Part no.	Colour	Sizes
2585.169.006	Black/Grey	36 - 47

S1P PEZZOL LUCOS

- Norm: EN ISO 20345
- Upper: X-Weave high tenacity breathable nylon
- Lining: Spyder-Net 3D-breathable, elastic textile
- Sole: TYRE PU-PU SRC
- Toe cap: Fiberglas PZ88
- Perforation resistant: Txzero insole
- Insoles: T-01 (part no. 2585.T01)

Part no.	Colour	Sizes
2585.169.007	Blue Grey/Yellow	36 - 47

S1P PEZZOL SUZUKA

- Norm: EN ISO 20345
- Upper: Microtech microfiber
- Lining: Spyder-Net 3D-breathable textile
- Sole: TYRE PU-PU SRC
- Toe cap: Fiberglas PZ88
- Perforation resistant: Txzero insole
- Insoles: T-01 (part no. 2585.T01)

Part no.	Colour	Sizes
2585.190.002	Black	36 - 47

S1P PEZZOL MONTEZ

- Norm: EN ISO 20345
- Upper: Mesh textile + PU Overwelding-Technology
- Lining: Spyder-Net 3D-breathable textile
- Sole: TYRE PU-PU SRC
- Toe cap: Fiberglas PZ88
- Perforation resistant: Txzero insole
- Insoles: T-01 (part no. 2585.T01)

Part no.	Colour	Sizes
2585.164.003	Black	36 - 47

pezzol
EU UK
42 8
pezzol
J-TEC 3.2

ABEBA®

OUTSOLE

„X-LIGHT“ PU SOLE

- SRC slip resistance according to EN ISO 20347
- Lightweight PU sole with high slip resistance and shock absorption
- Fuel resistant

„UNI6“ TPU SOLE

- SRC slip resistance according to EN ISO 20345
- Abrasion resistant TPU sole
- Resistant to animal fats, oil and fuel
- Flexing zones for high walking comfort

„ANATOM“ PU SOLE

- SRC slip resistance according to EN ISO 20345
- Abrasion resistant PU sole
- Self-cleaning profile
- Joint stabilizer – high lateral stability
- Resistant to fuel
- Asymmetrical heel for walking comfort

S1 ABEBA® 31760 / 31761 / 31762

- Norm: CE, EN ISO 20345, S1, SRC
- Functional leather with honeycomb pattern
- Slip resistance TPU outsole
- Replaceable Active Comfort insole (part no. 2590.352520)
- Breathable lining with Silver ions
- Instep area with lacing
- Water-repellent
- Scratch-proof
- Sanitized® treated
- **Steel toe cap**

Part no.	Colour	Sizes
2590.31760	White	35 - 48
2590.31761	Black	35 - 48
2590.31762	Blue	35 - 48

S1 ABEBA® 31721

- Norm: CE EN ISO 20345, S1, SRC
- Velour leather with breathable textile inlays
- Foamed PU midsole
- Slip resistance TPU outsole
- Replaceable Active Comfort insole (part no. 2590.352520)
- Breathable lining with Silver ions
- Instep area with lacing
- Reflective material
- Sanitized® treated
- **Steel toe cap**

Part no.	Colour	Sizes
2590.31721	Black	35 - 48

ABEBA® 31775 / 31676

NEW

- Norm: CE EN ISO 20345, SRC
- Knitted textile
- Foamed PU midsole
- Slip resistance TPU outsole
- Replaceable Active Comfort insole (part no. 2590.352520)
- Breathable lining with Silver ions
- Instep area with lacing
- Sanitized® treated
- **Steel toe cap (S3)**

Part no.	Colour	Sizes
2590.31775	anthracite	35 - 48
NEW **2590.31676**	Black	35 - 48

SB ABEBA® 32120 / 32125

- Norm: CE, EN ISO 20345, SB, SRC
- Microfiber
- Shock absorbant PU midsole
- Slip resistance PU outsole
- Replaceable Active Comfort insole (part no. 2590.352420)
- Heel strap non-foldable, adjustable
- Breathable lining with Silver ions
- Instep area adjustable, with elastic band
- Suitable for hygienically demanding areas
- **Steel toe cap**

Part no.	Colour	Sizes
2590.32120	White	36 - 52
2590.32125	Black	36 - 52

S3 ABEBA® 32252

NEW

- Norm: CE, EN ISO 20345, S3, SRC
- Cordura® Textile with dot pattern
- **Steel toe cap**
- Metalfree penetration resistance
- Slip resistance PU/PU outsole sole
- replaceable Active Comfort Insole (part no. 2590.352320)
- Breathable lining with Silver ions
- Instep area with lacing

anatom

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.32252	Blue	36 - 48

S1P ABEBA® 32282

NEW

- Norm: CE, EN ISO 20345, S1P, SRC
- Cordura® Textile with dot pattern
- **Steel toe cap**
- Metalfree penetration resistance
- Slip resistance PU/PU outsole sole
- replaceable Active Comfort Insole (part no. 2590.352320)
- Breathable lining with Silver ions
- 2 adjustable instep straps
- velcro fastening

anatom

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.32282	Blue	36 - 48

S3 ABEBA® 32257

NEW

- Norm: CE, EN ISO 20345, S3, SRC
- Cordura® Textile with dot pattern
- Metalfree penetration resistance
- Slip resistance PU/PU outsole sole
- replaceable Active Comfort Insole (part no. 2590.352320)
- Breathable lining with Silver ions
- Instep area with lacing
- **Steel toe cap**

anatom

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.32257	Orange	36 - 48

S3 ABEBA® 32238

NEW

- Norm: CE, EN ISO 20345, S3, SRC
- Cordura® Textile with warp pattern
- Metalfree penetration resistance
- Slip resistance PU/PU outsole sole
- replaceable Active Comfort Insole (part no. 2590.352320)
- Breathable lining with Silver ions
- Instep area with lacing
- **Stahlkappe**

anatom

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.32238	Black/Red	36 - 48

S1 ABEBA® 32147

- Norm: CE, EN ISO 20345, S1, SRC
- Velours leather with **breathable textile inlays**
- Shock absorbant PU midsole
- Slip resistance PU outsole
- Replaceable Active Comfort Insole (part no. 2590.352320)
- Reflective material
- **Steel toe cap**

anatom

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.32147	Dark blue	36 - 50

S1 ABEBA® 32189

- Norm: CE, EN ISO 20345, S1, SRC
- Velours leather with **breathable textile inlays**
- Shock absorbant PU midsole
- Slip resistance PU outsole
- Replaceable Active Comfort Insole (part no. 2590.352320)
- Adjustable instep area
- Velcro fastening, velcro fastening
- Reflective material
- Breathable lining with Silver ions
- **Steel toe cap**

anatom

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.32189	Black	36 - 52

S1 ABEBA® 7131058

- Norm: CE, EN ISO 20345, S1, SRA
- Leather with **Air-Mesh textile inlays**
- Slip resistance PU outsole
- Reflective material
- Replaceable Active Comfort insole (part no. 2590.351620)
- Breathable lining with Silver ions
- Instep area with lacing
- **Steel toe cap**

x-light

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131058	White	35 - 48

S2 ABEBA® 7131033 / 7131038

- Norm: CE, EN ISO 20345, S2, SRC
- Smooth leather
- Slip resistance PU outsole
- Replaceable Active Comfort insole (part no. 2590.351620)
- Breathable lining with Silver ions
- Reflective material
- Instep area with lacing
- **Steel toe cap**

x-light

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131033	White	35 - 48
2590.7131038	Black	35 - 48

S2 ABEBA® 7131032 / 7131037

- Norm: CE, EN ISO 20345, S2, SRC
- Smooth leather
- Slip resistance PU outsole
- Replaceable Active Comfort insole (part no. 2590.351620)
- Breathable lining with Silver ions
- Instep area with elastic band
- **Steel toe cap**

x-light

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131032	White	35 - 48
2590.7131037	Black	35 - 48

S1 ABEBA® 7131031 / 7131036

- Norm: CE, EN ISO 20345, S1, SRC
- Leather with **Air-Mesh textile inlays**
- Slip resistance PU outsole
- Replaceable Active Comfort insole (part no. 2590.351620)
- Breathable lining with Silver ions
- Double velcro fastening
- **Steel toe cap**

x-light

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131031	White	35 - 48
2590.7131036	Black	35 - 48

S1 ABEBA® 7131056

NEW

- Norm: CE, EN ISO 20345, S1, SRC
- Leather with Air-Mesh textile inlays
- **Steel toe cap**
- Slip resistance PU outsole sole
- replaceable Active Comfort Insole (part no. 2590.351620)
- Breathable lining with Silver ions
- Instep area with lacing
- Reflective material

x-light

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131056	Black	35 - 48

SB ABEBA® 7131030 / 7131035

- Norm: CE, EN ISO 20345, SB, A, E, FO, SRC
- Smooth leather
- Slip resistance PU outsole
- Replaceable Active Comfort insole (part no. 2590.351720)
- Heel strap non-foldable, adjustable
- Breathable lining with Silver ions
- Instep area with elastic band
- Velcro fastening
- **Steel toe cap**

x-light

STEEL

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131030	White	35 - 48
2590.7131035	Black	35 - 48

S2 ABEBA® 33230

- Norm: CE, EN ISO 20345, S2, SRA
- Smooth leather
- Slip resistance special rubber outsole
- Instep area with lacing
- Breathable microfiber lining with moisture absorption
- **Steel toe cap**

BUSINESS MEN

STEEL IEC EN

Part no.	Colour	Sizes
2590.33230	Black	36 - 48

S2 ABEBA® 33240

- Norm: CE EN ISO 20345, S2, SRA
- Smooth leather
- Slip resistance special rubber outsole
- Instep area with lacing
- Breathable microfiber lining with moisture absorption
- Sanitized® treated
- **Steel toe cap**

BUSINESS MEN

STEEL IEC EN

Part no.	Colour	Sizes
2590.33240	Black	36 - 48

OUTSOLE

ELTEN WELLMAXX - THE ERGONOMIC OUTSOLE

MAXXIMUM EFEKTIVITY
With every step, Infinergy® absorbs a lot of energy.

MAXXIMUM SENSE OF WELL-BEING
The wearer‘s feet stay fit longer with infinergy®.

MAXXIMUM DURABILITY
Infinergy® remains permanently elastic and always returns to its original form.

MAXXIMUM BOUNCE
Infinergy® returns far more energy to the wearer than traditional materials.

MAXXIMUM JOINT REST
Due to the excellent damping effects of Infinergy®, the joints are permanently protected.

MAXXIMUM TEMPERATURE RESISTANCE
Infinergy® retains full functionality in climatic conditions between **-20 and + 80°C**.

Maxximo

Trainers

TPU/PU SOLE TRAINERS / L10 / MISS L10 / ERGO ACTIVE

- Dissipative
- Optimal slip resistance

Outsole:
TPU = (thermoplastic polyurethane)
- Particularly abrasion-resistant
- Heat-resistant to approx. 130°C, flexible at cold temperatures to approx. -30°C
- Oil and fuel resistant

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

Trainers

Ergo Active

L10

PU/PU SOLE TIGHT / NOVA / FUNW

- Dissipative
- Optimal slip resistance

Outsole:
PU = (polyurethane)
- Particularly abrasion-resistant
- Heat-resistant to approx. 130°C, flexible at cold temperatures to approx. -30°C
- Oil and fuel resistant

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

Tight Nova Fun

TPU/PU SOLE BIOMEX DYNAMICS

- S-line shaped configuration of the tread blocks, for an ergonomic foot roll
- Contrasting colours for dynamic design
- Dissipative
- Optimal slip resistance

Outsole:
TPU = (thermoplastic polyurethane)
- Colour: light grey
- Particularly abrasion-resistant
- Heat-resistant to approx. 130°C, flexible at cold temperatures to approx. -30°C
- Oil and fuel resistant

Biomex Dynamics

Midsole: PU
- Colour: dark grey
- The soft PU core provides a good impact absorption and high wearing comfort

MONO-PU SOLE BUSINESS

- Dissipative
- Excellent slip resistance

Outsole: PU
- Abrasion-resistant
- Heat-resistant to approx. 130°C, flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant

Business

S3 ELTEN MADDOX BLACK-RED LOW ESD

WELLMAXIMO

- Norm: EN ISO 20345 S3 SRC, form A
- Hydrophobized microfiber/Hydrophobized textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD black
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF
- **Non-metallic, penetration-resistant midsole**
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Sizes
2595.729561	Black/Red	35 - 48
NEW **2595.729201**	Wide version	40 - 48

S3 ELTEN MADDOX BLACK-GREY LOW ESD

NEW

WELLMAXIMO

- Norm: EN ISO 20345 S3 SRC, Form A
- Hydrophobized microfiber/Hydrophobized textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD black
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF
- **Non-metallic, penetration-resistant midsole**
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Sizes
2595.729461	Black/Grey	35 - 48
2595.729231	Wide version	40 - 48

S1P ELTEN MADDOX BLUE LOW ESD

WELLMAXIMO

- Norm: EN ISO 20345 S1P SRC, form A
- Sole core made of Infinergy® by BASF
- Suede/Textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD grey
- TPU/PU sole MAXXIMO
- **Non-metallic, penetration-resistant midsole**
- **Steel toe cap**

Part no.	Colour	Sizes
2595.729571	Blue	35 - 48

S1P ELTEN MADDOX GREY-BLUE LOW ESD

WELLMAXIMO

- Norm: EN ISO 20345 S1P SRC, form A
- Sole core made of Infinergy® by BASF
- Microfiber/Textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD grey
- TPU/PU sole MAXXIMO
- **Non-metallic, penetration-resistant midsole**
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Sizes
2595.729551	Grey/Blue	40 - 48

S1P ELTEN WILLIAM BLUE LOW ESD

- Norm: EN ISO 20345 S1P SRC, form A
- Microfiber/Mesh material
- Fabric lining for natural ventilation
- Padded tongue
- Semi-orthopaedic inlay sole ESD black
- TPU-PU sole ERGO-ACTIVE 2
- **Non-metallic, penetration-resistant midsole**
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Model	Sizes
2595.7273101	Black/Blue	Typ 1: Wide	40 - 48
2595.7273102	Black/Blue	Typ 2: Normal	40 - 48
2595.7273103	Black/Blue	Typ 3: Narrow	40 - 48

S1P ELTEN IMPULSE EA BLUE EASY ESD

- Norm: EN ISO 20345 S1 SRC, form A
- Microfiber
- Fabric lining for natural ventilation
- Padded tongue
- Semi-orthopaedic inlay sole ESD black
- Soft fleece ESD insole
- TPU-PU sole ERGO-ACTIVE 2
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Model	Sizes
2595.7171501	Black/Blue	Typ 1: Wide	40 - 48
2595.7171502	Black/Blue	Typ 2: Normal	40 - 48
2595.7171503	Black/Blue	Typ 3: Narrow	40 - 48

S2 ELTEN SENSATION XXT LOW ESD

- Norm: EN ISO 20345 S2 SRC, form A
- Hydrophobized textile material with jeans look/Hydrophobized nubuck leather
- Fabric lining Bioactive
- Padded tongue
- Full-length inlay sole ESD PRO grey
- Soft fleece ESD insole
- PU/PU sole WELLMAXX TRAINERS
- Sole core made of Infinergy® by BASF
- **Composite toe cap**

Part no.	Colour	Sizes
2595.729720	Black/Red	36 - 48

S2 ELTEN SENSATION LOW ESD

- Norm: EN ISO 20345 S2 SRC, Form A
- Hydrophobized textile material with jeans look/Hydrophobized nubuck leather
- Fabric lining Bioactive
- Padded tongue
- Full-length inlay sole ESD PRO grey
- Soft fleece ESD insole
- TPU/PU sole L10
- **Steel toe cap**

Part no.	Shoe type	Colour	Sizes
2595.72106	Men	Black/Red	37 - 48
2595.74106	Women	Black/Red	35 - 42

S1 ELTEN BREEZER GREY LOW ESD

NEW

- Norm: EN ISO 20345 S1 SRC, Form A
- Nubuck leather
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole ESD PRO grey
- Soft fleece ESD insole
- TPU/PU sole L10
- **Steel toe cap**

Part no.	Colour	Sizes
2595.72109	Grey/Yellow	37 - 47

S3 ELTEN SHADOW LOW ESD

NEW

- Norm: EN ISO 20345 S3 SRC, Form A
- Cowhide leather
- Leather lining
- Padded tongue
- Full-length inlay sole ESD PRO beige
- TPU/PU sole L10
- **Steel toe cap**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2595.721081	Black	37 - 47

S1P ELTEN MAVERICK BLUE LOW ESD

- Norm: EN ISO 20345 S1P SRC, Form A
- Microfiber / mesh material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay insole ESD PRO black
- PU/PU sole FUN
- **Steel toe cap**
- **Leather-free equipment**
- **Non-metallic penetration-resistant midsole**

Part no.	Colour	Sizes
2595.723351	Blue	38 - 48

S2 ELTEN NED XX10 BLACK LOW

NEW

WELLMAXX

- Norm: EN ISO 20345 S2 SRC, Form A
- Hydrophobized microfiber
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole ESD PRO black
- Soft fleece ESD insole
- PU/PU sole L10
- Sole core made of Infinergy® by BASF
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Sizes
2595.729920	Black/Red	36 - 48

S1P ELTEN IMPULSE GREEN LOW ESD

- Norm: EN ISO 20345 S1P SRC, Form A
- Microfiber
- Fabric lining for natural ventilation
- Full, padded bellows tongue
- Semi-orthopaedic inlay sole ESD grey
- TPU/PU sole BIOMEX DYNAMICS
- Elastic lacing system with individual quick locking system
- **Composite toe cap**
- **Metal-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2595.722551	Black/Green	36 - 47

S1P ELTEN IMPULSE GREEN EASY ESD

- Norm: EN ISO 20345 S1P SRC, Form A
- Microfiber
- Fabric lining for natural ventilation
- Padded tongue
- Semi-orthopaedic inlay sole ESD PRO grey
- TPU/PU sole BIOMEX DYNAMICS
- **Composite toe cap**
- **Metal-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2595.712551	Black/Green	36 - 47

S1 ELTEN EASY BLUE ESD

- Norm: EN ISO 20345 S1 SRC, Form A
- Mesh material / textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole ESD PRO grey
- Soft fleece ESD insole
- TPU/PU sole TRAINERS
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Sizes
2595.72178	Black/Blue	36 - 48

S2 ELTEN MOTION LOW ESD

NEW

- Norm: EN ISO 20345 S2 SRC, Form A
- Hydrophobized microfiber/Hydrophobized textile material CORDURA®
- Fabric lining for natural ventilation
- Full, padded bellows tongue
- Full-length inlay sole ESD PRO grey
- Soft fleece ESD insole
- TPU/PU sole TRAINERS
- **Composite toe cap**
- **Metal- and leather-free equipment**

Part no.	Colour	Sizes
2595.72182	Black/Grey	38 - 47

S1P ELTEN SCOTT ESD

- Norm: EN ISO 20345 S1P SRC, form A
- Microfiber/Textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole ESD PRO black
- TPU/PU sole TRAINERS
- **Composite toe cap**
- **Metal- and leather-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Größe
2595.72121	Black	38 - 47

S1 ELTEN SUNNY ESD

NEW

- Norm: EN ISO 20345 S1 SRC, Form A
- Nubuck leather/Textile net inserts
- Fabric lining for natural ventilation
- Full, padded bellows tongue
- Full-length inlay sole ESD PRO black
- Soft fleece ESD insole
- TPU/PU sole TRAINERS
- Elastic lacing system with individual quick locking system
- **Steel toe cap**

Part no.	Colour	Größe
2595.72825	Black/Orange	39 - 48

S2 ELTEN SENEX ESD

- Norm: EN ISO 20345 S2 SRC, Form A
- Hydrophobized microfiber/ hydrophobized textile material Cordura®
- Fabric lining for natural ventilation
- Full, padded bellows tongue
- Full-length inlay sole ESD PRO black
- Soft fleece ESD insole
- TPU/PU sole TRAINERS
- **Composite toe cap**
- **Metal- and leather-free equipment**

Part no.	Colour	Sizes
2595.72872	Black	35 - 48

S3 ELTEN SANDER ESD

- Norm: EN ISO 20345 S3 SRC, Form B
- Hydrophobized microfiber/ hydrophobized textile material Cordura®
- Fabric lining for natural ventilation
- Full, padded bellows tongue
- Full-length inlay sole ESD PRO black
- TPU/PU sole TRAINERS
- **Composite toe cap**
- **Metal- and leather-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2595.768321	Black	35 - 47

S1 ELTEN LANCE GREY LOW ESD

NEW

WELLMAXXIMO

- Norm: EN ISO 20345 S1 SRC, Form A
- Textile material/Microfiber
- Fabric lining for natural ventilation
- Full, padded bellows tongue
- Full-length inlay sole SPORTIVE ESD black
- Soft fleece ESD insole
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Sizes
2595.729695	Grey	40 - 48

S3 ELTEN MADDOX BOA BLACK RED

NEW

WELLMAXXIMO

- Norm: EN ISO 20345 S3 SRC, Form A
- Hydrophobized microfiber/Hydrophobized textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD black
- TPU/PU sole MAXXIMO
- BOA® Fit System
- Sole core made of Infinergy® by BASF
- **Steel toe cap**
- **Leather-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2595.729151	Black/Red	35 - 48

S1P ELTEN LONNY RED EASY ESD

NEW

WELLMAXXIMO

- Norm: EN ISO 20345 S1P SRC, Form A
- Microfiber/Mesh material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD black
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF
- **Steel toe cap**
- **Leather-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2595.719521	Black/Red	35 - 48

S1P ELTEN LONNY RED LOW ESD

NEW

WELLMAXXIMO

- Norm: EN ISO 20345 S1P SRC, Form A
- Microfiber/Mesh material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD black
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF
- **Steel toe cap**
- **Leather-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2595.729521	Black/Red	35 - 48

S1 ELTEN MILA AQUA EASY ESD

- Norm: EN ISO 20345 S1 SRC, form A
- Microfiber/Mesh material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole LADIES ESD grey
- Soft fleece ESD insole
- PU/PU sole NOVA
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Sizes
2595.74710	Grey/Aqua	35 - 42

S1 ELTEN MILA AQUA LOW ESD

- Norm: EN ISO 20345 S1 SRC, form A
- Microfiber/Mesh material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole LADIES ESD grey
- Soft fleece ESD insole
- PU/PU sole NOVA
- **Steel toe cap**
- **Leather-free equipment**

Part no.	Colour	Sizes
2595.74720	Grey/Aqua	35 - 42

S1P ELTEN MADDIE GREY LOW ESD

- Norm: EN ISO 20345 S1P SRC, form A
- Microfiber/Textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD grey
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF
- **Steel toe cap**
- **Leather-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2595.749501	Grey/Aqua	35 - 42

S1P ELTEN MADDIE GREY EASY ESD

NEW

- Norm: EN ISO 20345 S1P SRC, Form A
- Microfiber/Mesh material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD grey
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF,
- **Steel toe cap**
- **Leather-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2595.749531	Grey/Aqua	35 - 42

S2 ELTEN OFFICER XW ESD S2

- Norm: EN ISO 20345 S2 SRC, form A
- Cowhide leather
- Leather lining
- Full-length inlay sole BUSINESS ESD
- Soft fleece ESD insole
- MONO-PU sole BUSINESS
- Extra comfort fit
- For extra strong feet
- **Steel toe cap**

Part no.	Colour	Sizes
2595.72307	Black	40 - 48

S3 JORI JO_TEX LOW ESD

NEW

jori by ELTEN

- Norm: EN ISO 20345 S3, Form A
- Hydrophobized microfiber
- Fabric lining for natural ventilation
- Full padded bellows tongue
- Full-length inlay sole ESD
- PU/PU sole jo_TIGHT
- **Steel toe cap**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2596.12301	Black/Grey	40 - 48

S1P JORI JO_FLEX GREEN ESD

NEW

jori by ELTEN

- Norm: EN ISO 20345 S1P, Form A
- Textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole ESD
- PU/PU sole jo_TIGHT
- PU toe protection
- **Steel toe cap**
- **Leather-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2596.12511	Grey/Green	40 - 48

S3 JORI JO_FLEX BLUE ESD

NEW

jori by ELTEN

- Norm: EN ISO 20345 S3, Form A
- Textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole ESD
- PU/PU sole jo_TIGHT
- PU toe protection
- **Steel toe cap**
- **Leather-free equipment**
- **Non-metallic, penetration-resistant midsole**

Part no.	Colour	Sizes
2596.12481	Grey/Blue	40 - 48

STEITZ SECURA
SICHERHEITSSCHUHE

VARIO REBOUND-TECHNOLOGY

Optimal damping in the heel area and effective return of energy in the forefoot – for you, this means: maximum comfort plus stability. The special shoe construction reduces lever arms. This provides your foot with maximum stability in the shoe and tangible relief.

- High energy return rate leads to reduced effort in every step
- Excellent weight-adapted damping properties
- Wear-free sole technology and long-lasting quality
- Reduced weight due to low material density
- Free from material fatigue and therefore longer lifetime
- Unchanged comfort properties down to –25 °C
- Free from solvents and silicone, therefore suitable for allerav sufferers

ABSORPTION

VARIO MULTIFLEX®

Once you put on your shoes, the natural movement of your feet changes. Research has also found that the less the shoe impacts the natural movement of the foot, the lower the incidence of foot disorders. Lever arms in particular may cause diverse movement disorders. Lever arms of the shoe force the foot to make unnatural movements and can lead to foot and Achilles tendon complaints, knee pain and back problems. Furthermore, lever arm forces can increase the risk of injuries such as sprained ankles.

SECURA VARIO® SYSTEM

Back protection through individual heel cushioning

up to 57 kg | up to 79 kg | up to 91 kg | up to 105 kg | above 105 kg

The replaceable, weight and pressure dependent heel shock absorption system ensures cushioning adapted to the individual needs of the wearer. The pressure load in the shoe is reduced to a natural level, the back is relieved in a targeted manner and fatigue is significantly decreased.

OUTSOLES

TPU ATHLETIC ESD

- 3,5 mm profile
- Supports natural movement
- Lightweight and flexible
- Excellent abrasion resistance and slip resistance
- Heat-resistant up to approx. 120° C

TPU COMPETITION

- 3 mm profile
- Lightweight and flexible
- Excellent abrasion resistance and slip resistance
- Heat-resistant up to approx. 120° C

STEITZ FLEXO

FLEXIBLE – INDIVIDUAL – SAFE

THE BENEFITS:

- Flexible and robust rubber lacing
- Indinidually adjustable
- Always constant lacing intensity
- Simplifies and speeds up putting on and taking off
- Reduces the risk of a potential trip hazard
- Excellent for working on rotating machines

STEITZ FLEXO SYSTEM

Some of the new STEITZ models are equiped with the new FLEXO lock system. Once adjusted, the individual fit of your safety shoe is permanent, without time-consuming lacing. This also prevents tripping hazards from open shoelaces. An optimal combination of comfort and protection.

Do you prefer the conventional lacing? No problem. Classic shoelaces are included with every shoe.

S1 STEITZ CP 4000 ESD

NEW

- Norm: EN ISO 20345, S1 SRC
- Ultra-light microfiber and large-scale inserts of netting with high ventilation quality
- Metal free design
- Two individually adjustable velcro fastening straps for ideal support
- Reinforced abrasion-resistant TPU toe guard
- Functional lining made of breathable textile and microfiber
- Replaceable comfort insole ERGO-SOFT ESD
- Outsole: TPU Competition ESD, white
- Cushioning: VARIO REBOUND Technology
- **Composite toe cap**

DGUV 191 IEC EN

Part no.	Colour	Fit	Sizes
2575.CP4000.NB	Black/Red	Normal	36 - 50
2575.CP4000.XB	Black/Red	Xtra wide	36 - 50

S1 STEITZ CP 4100 ESD

NEW

STEITZ FLEXO

- Norm: EN ISO 20345, S1 SRC
- Ultra-light microfiber and large-scale inserts of netting with high ventilation quality
- Metal free design
- Reinforced abrasion-resistant TPU toe guard
- Functional lining made of breathable textile and microfiber
- Replaceable comfort insole ERGO-SOFT ESD
- Outsole: TPU Competition ESD, white
- Cushioning: VARIO REBOUND Technology
- **Composite toe cap**
- **FLEXO lock system**

DGUV 191 IEC EN

Part no.	Colour	Fit	Sizes
2575.CP4100.NB	Black/Red	Normal	36 - 50
2575.CP4100.XB	Black/Red	Xtra wide	36 - 50

S2 STEITZ CP 4210 ESD

NEW

STEITZ FLEXO

- Norm: EN ISO 20345, S2 SRC
- Lightweight woven textile with sporty look
- Comfortable fit due to seamless shoe design
- Metal free design
- Functional lining made of breathable textile and microfiber
- Replaceable comfort insole ERGO-SOFT ESD
- Outsole: TPU Competition ESD, white
- Cushioning: VARIO REBOUND Technology
- **Composite toe cap**
- **FLEXO lock system**

DGUV 191 IEC EN

Part no.	Colour	Fit	Sizes
2575.CP4210.NB	Grey/Red	Normal	36 - 50
2575.CP4210.XB	Grey/Red	Xtra wide	36 - 50

S2 STEITZ CP 4360 / 4380 ESD

NEW

- Norm: EN ISO 20345, S2 SRC
- Modern textile with striking high-frequency embossing
- Comfortable fit due to seamless shoe design
- Reinforced abrasion-resistant TPU toe guard
- Metal free design
- Functional lining made of breathable textile and microfiber
- Replaceable comfort insole ERGO-SOFT ESD
- Outsole: TPU Competition ESD, black
- Cushioning: VARIO REBOUND Technology
- **Composite toe cap**

DGUV 191 IEC EN

Part no.	Colour	Fit	Sizes
2575.CP4360.NB	Red/Black	Normal	36 - 50
2575.CP4360.XB	Red/Black	Xtra wide	36 - 50
2575.CP4380.NB	Blue/Green	Normal	36 - 50
2575.CP4380.XB	Blue/Green	Xtra wide	36 - 50

S1 STEITZ VD PRO 1000 ESD

- Norm: EN ISO 20345, S1 SRC
- Light-weight microfiber with perforated design for optimal ventilation
- Velcro fastening strap
- Shaft applications
- Breathable functional lining
- Leather insole
- Full-length, removable insole ERGO-SOFT ESD with additional cushioning effect and excellent moisture transportation
- Outsole: TPU Athletic ESD, blue
- Multi-zone cushioning VARIO Multiflex
- **Aluminium toe cap**

Part no.	Colour	Fit	Sizes
2575.VD1000.NB	Black/Blue	Normal	36 - 50
2575.VD1000.XB	Black/Blue	Xtra wide	36 - 50

S1 STEITZ VD PRO 1100 ESD

- Norm: EN ISO 20345, S1 SRC
- Light-weight microfiber with perforated design for optimal ventilation
- Breathable functional lining
- Leather insole
- Full-length, removable insole ERGO-SOFT ESD with additional cushioning effect and excellent moisture transportation
- Outsole: TPU Athletic ESD, blue
- Multi-zone cushioning VARIO Multiflex
- Shaft applications
- Toe guard
- **Aluminum toe cap**

Part no.	Colour	Fit	Sizes
2575.VD1100.NB	Black/Blue	Normal	36 - 50
2575.VD1100.XB	Black/Blue	Xtra wide	36 - 50

S2 STEITZ VD PRO 1500 BOA

- Norm: EN ISO 20345, S2 SRC CI
- Light-weight microfiber, seamless shoe design
- BOA® fit system
- Dust flap
- Breathable, functional lining
- Leather insole
- Full-length, removable insole ERGO-SOFT ESD with additional cushioning effect and excellent moisture transportation
- Outsole: TPU Athletic ESD, blue
- Multi-zone cushioning VARIO Multiflex
- **Aluminum toe cap**

Part no.	Colour	Fit	Sizes
2575.VD1500BOA.NB	Black/Blue	Normal	36 - 48/49
2575.VD1500BOA.XB	Black/Blue	Xtra wide	36 - 48/49

S1 STEITZ VD PRO 1010 ESD

- Norm: EN ISO 20345, S1 SRC
- Light-weight microfiber combined with perforated design for optimal ventilation
- Velcro fastening strap
- Breathable, functional lining
- Leather insole
- Comfort insole ERGO-SOFT ESD
- Outsole: Perbunan Athletic ESD, slate-grey
- Multi-zone cushioning VARIO Multiflex
- Shaft applications
- **Aluminum toe cap**

Part no.	Colour	Fit	Sizes
2575.VD1010.NB	Black	Normal	36 - 50
2575.VD1010.XB	Black	Xtra wide	36 - 50

S1 STEITZ VD 2000 ESD

- Norm: EN ISO 20345, S1 SRC
- Light-weight textile upper, combined with breathable textile inserts
- Velcro fastening strap
- Reflective applications
- Breathable functional lining
- Leather insole
- Full-length, removable insole ERGO-SOFT® ESD with additional cushioning effect and excellent moisture transportation
- Outsole: TPU Dynamics ESD, white
- Multi-zone cushioning VARIO
- **Aluminium toe cap**

Part no.	Colour	Fit	Sizes
2575.VD2000.NB	Black	Normal	36 - 48/49
2575.VD2000.XB	Black	Xtra wide	36 - 48/49

S1 STEITZ VD 2200 ESD

- Norm: EN ISO 20345, S1 SRC
- Light-weight textile upper, combined with breathable textile inserts
- Perforated design for optimal ventilation
- Breathable functional lining
- Leather insole
- Full-length, removable insole ERGO-SOFT® ESD with additional cushioning effect and excellent moisture transportation
- Outsole: TPU Dynamics ESD, white
- Multi-zone cushioning VARIO
- **Aluminium toe cap**

Part no.	Colour	Fit	Sizes
2575.VD2200.NB	Black	Normal	36 - 48/49
2575.VD2200.XB	Black	Xtra wide	36 - 48/49

S1P STEITZ BSX 100 ESD SF

NEW

- Norm: EN ISO 20345, S1P SRC
- Light-weight textile upper
- Velcro fastening strap
- Breathable, functional lining
- Full-length, removable comfort insole BSX ESD with cushioning system and excellent moisture transportation
- Outsole: TPU ESD, blue

Part no.	Colour	Sizes
2575.BSX.100	Black	38 - 48

S3 STEITZ BSX 200 ESD SF

NEW

- Norm: EN ISO 20345, S3 SRC
- Light-weight functional lining
- Breathable, functional lining
- Full-length, removable comfort insole BSX ESD with cushioning system and excellent moisture transportation
- Outsole: TPU ESD, blue

Part no.	Colour	Sizes
2575.BSX.200	Black	38 - 48

S1 STEITZ ELLA

NEW

- Norm: EN ISO 20345, S1 SRC
- Ultra-light microfiber and functioning mesh with optimum ventilation structure
- TPU heel trim for stabilization
- Functional lining made of breathable textile and microfiber
- Replaceable comfort insole ERGO-SOFT ESD
- Outsole: TPU Woman Sport ESD, silver-grey
- Multi-zone cushioning VARIO Multiflex® Technology
- **Aluminium toe cap**

AL 4 DGUV 191 IEC EN

Part no.	Colour	Fit	Sizes
2575.ELLA.NB	Blue	Normal	35 - 42
2575.ELLA.XB	Blue	Xtra wide	35 - 42

S1 STEITZ FRIEDA

NEW

STEITZ FLEXO

- Norm: EN ISO 20345, S1 SRC
- Ultra-light microfiber and functioning mesh with optimum ventilation structure
- Functional lining made of breathable textile and microfiber combined with lining-free parts for optimal ventilation
- Replaceable comfort insole ERGO-SOFT ESD
- Outsole: TPU Woman Sport ESD, silver-grey
- Multi-zone cushioning VARIO Multiflex® Technology
- **Aluminium toe cap**
- **FLEXO lock system**

AL 4 DGUV 191 IEC EN

Part no.	Colour	Fit	Sizes
2575.FRIEDA.NB	Blue	Normal	35 - 42
2575.FRIEDA.XB	Blue	Xtra wide	35 - 42

S1 STEITZ LISA

NEW

- Norm: EN ISO 20345, S1 SRC
- Ultra-light microfiber and functioning mesh with optimum ventilation structure
- TPU heel trim for stabilization
- Functional lining made of breathable textile and microfiber
- Replaceable comfort insole ERGO-SOFT ESD
- Outsole: TPU Woman Sport ESD, silver-grey
- Multi-zone cushioning VARIO Multiflex® Technology
- **Aluminium toe cap**

AL 4 DGUV 191 IEC EN

Part no.	Colour	Fit	Sizes
2575.LISA.NB	purple	Normal	35 - 42
2575.LISA.XB	purple	Xtra wide	35 - 42

S1 STEITZ JULIA

NEW

STEITZ FLEXO

- Norm: EN ISO 20345, S1 SRC
- Ultra-light microfiber and functioning mesh with optimum ventilation structure
- Functional lining made of breathable textile and microfiber combined with lining-free parts for optimal ventilation
- Replaceable comfort insole ERGO-SOFT ESD
- Outsole: TPU Woman Sport ESD, silver-grey
- Multi-zone cushioning VARIO Multiflex® Technology
- **Aluminium toe cap**
- **FLEXO lock system**

AL 4 DGUV 191 IEC EN

Part no.	Colour	Fit	Sizes
2575.JULIA.NB	purple	Normal	35 - 42
2575.JULIA.XB	purple	Xtra wide	35 - 42

OUTSOLES

PU WALKING SOLE

Reflexor Air cushion

TPU WALKING SOLE

The Original Easy Uni 6 Dynamic

DISSIPATIVE LEATHER WALKING SOLE

Manager

LIGHTWEIGHT MONO-PU-SOLE

Arrow

NON-SLIP SPECIAL RUBBER WALKING SOLE

Rubber Nature

O2 ABEBA® 32600 / 32610

- Norm: CE, EN ISO 20347, O2, SRA
- Grained leather
- Slip resistance PU outsole
- Breathable microfiber lining with moisture absorption
- Replaceable insole (part no. 2590.3551)
- Instep area with lacing

Part no.	Colour	Sizes
2590.32600	White	35 - 47
2590.32610	Black	35 - 47

O1 ABEBA® 32300 / 32310

- Norm: CE, EN ISO 20347, O1, SRA
- Smooth leather, perforated
- Slip resistance PU outsole
- Breathable microfiber lining with moisture absorption
- Replaceable insole (part no. 2590.3551)
- Instep area with lacing

Part no.	Colour	Sizes
2590.32300	White	35 - 47
2590.32310	Black	39 - 47

O2 ABEBA® 36772 / 36773

- Norm: CE, EN ISO 20347, O2, FO, SRC
- Knitted textile
- Foamed PU midsole
- Slip resistance TPU outsole
- Replaceable Active Comfort insole (part no. 2590.352510)
- Breathable lining with Silver ions
- Instep area with lacing
- Protection against splash water

Part no.	Colour	Sizes
2590.36772	White	35 - 48
2590.36773	Blue	35 - 48

O2 ABEBA® 36775 / 36776

- Norm: CE, EN ISO 20347, O2, FO, SRC
- Knitted textile
- Breathable lining with Silver ions
- Instep area with lacing
- Foamed PU midsole
- Slip resistance TPU outsole
- Replaceable Active Comfort Insole (part no. 2590.352510)
- Protection against splash water

Part no.	Colour	Sizes
2590.36775	anthracite	35 - 48
NEW **2590.36776**	Black	35 - 48

O2 ABEBA® 36761

- Norm: CE, EN ISO 20347, O2, FO, SRC
- Functional leather with honeycomb pattern
- Foamed PU midsole
- Slip resistance TPU outsole
- Replaceable Active Comfort insole (part no. 2590.352510)
- Breathable lining with Silver ions
- Instep area with lacing
- Scratch-proof
- Water-repellent

Part no.	Colour	Sizes
2590.36761	Black	35 - 48

O2 ABEBA® 36728

- Norm: CE, EN ISO 20347, O2, FO, SRC
- Breathable textile
- Foamed PU midsole
- Slip resistance TPU outsole
- Replaceable Active Comfort insole (part no. 2590.352510)
- Breathable lining with Silver ions
- Instep area with l acing
- Water-repellent

Part no.	Colour	Sizes
2590.36728	Black	35 - 48

O1 ABEBA® 36721

- Norm: CE EN ISO 20347, O1, SRC
- Velours leather with breathable textile inlays
- Foamed PU midsole
- Slip resistance TPU outsole
- Replaceable Active Comfort insole (part no. 2590.352510)
- Breathable lining with Silver ions
- Instep area with lacing
- Reflective material

Part no.	Colour	Sizes
2590.36721	Black	35 - 48

OB ABEBA® 37630 / 37631

- Norm: CE, EN ISO 20347, OB, A, E, FO, SRC
- Smooth leather, perforated
- Slip resistance TPU outsole
- Replaceable Active Comfort Insole (part no. 2590.352710)
- Heel strap foldable, adjustable

Part no.	Colour	Sizes
2590.37630	White	35 - 48
2590.37631	Black	35 - 48

O2 ABEBA® 7131133 / 7131138

- Norm: CE EN ISO 20347, O2, FO, SRA
- Smooth leather
- Slip resistance PU outsole
- Replaceable Active Comfort Insole (part no. 2590.351610)
- Breathable lining with Silver ions
- Reflective material
- Suitable for heel and foot lift

x-light

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131133	White	35 - 48
2590.7131138	Black	35 - 48

O1 ABEBA® 7131131 / 7131136

- Norm: CE EN ISO 20347, O1, FO, SRA
- Smooth leather
- Slip resistance PU outsole
- Replaceable Active Comfort Insole (part no. 2590.351610)
- Breathable lining with Silver ions
- Double velcro fastening
- Suitable for heel and foot lift

x-light

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131131	White	35 - 48
2590.7131136	Black	35 - 48

O1 ABEBA® 7131150

NEW

- Norm: CE, EN ISO 20347, O1, FO, SRC
- Microfiber black/neon orange
- Slip resistance PU outsole
- Replaceable Active Comfort Insole (art. 2590.351610)
- Breathable lining with Silver ions
- Instep area with lacing
- Reflective material

x-light

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131150	Black	35 - 48

O1 ABEBA® 7131156

NEW

- Norm: CE, EN ISO 20347, O1, FO, SRC
- Leather with Air-Mesh textile inlays black
- Slip resistance PU outsole
- Replaceable Active Comfort Insole (art. 2590.351610)
- Sanitized® treated
- Breathable lining with Silver ions
- Instep area with lacing
- Reflective material

x-light

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.7131156	Black	35 - 48

O1 ABEBA® 37375

NEW

- Norm: CE, EN ISO 20347, O1, FO, SRC
- Knitted textile
- Slip resistance TPU outsole
- Stretch fabric
- Double elastic band fastening system
- Breathable

DYNAMIC flow

30° IEC EN

Part no.	Colour	Sizes
2590.37375	Anthracite/White	35 - 48

O1 ABEBA® 37376

NEW

- Norm: CE, EN ISO 20347, O1, FO, SRC
- Knitted textile
- Slip resistance TPU outsole
- Stretch fabric
- Double elastic band fastening system
- Breathable

DYNAMIC flow

30° IEC EN

Part no.	Colour	Sizes
2590.37376	Black/Blue	35 - 48

OB ABEBA® 37310 / 37315

- Norm: CE, EN ISO 20347, OB, A, E, FO, SRC
- Smooth leather
- Slip resistance TPU outsole
- Replaceable Active Comfort insole (part no. 2590.352610)
- Heel strap foldable, adjustable

DYNAMIC

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.37310	White	35 - 48
2590.37315	Black/Brown	35 - 48

OB ABEBA® 37312 / 37313

- Norm: CE, EN ISO 20347, OB, A, E, FO, SRC
- Smooth leather
- Slip resistance TPU outsole
- Replaceable Active Comfort insole (part no. 2590.352610)
- Heel strap foldable, adjustable

DYNAMIC

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.37312	White/Blue	35 - 48
2590.37313	White/Red	35 - 48

OB ABEBA® 37326 / 37327

- Norm: CE, EN ISO 20347, OB, A,FO,E, SRC
- Knitted textile
- Heel strap non-foldable, adjustable
- Slip resistance TPU outsole
- Replaceable Active Comfort Insole (part no. 2590.352610)
- Protection against splash water
- Breathable

DYNAMIC

30°

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.37326	Light blue	35 - 48
2590.37327	Burgundy	35 - 48

OB ABEBA® 37328 / 37329

- Norm: CE, EN ISO 20347, OB, A, E, FO, SRC
- Knitted textile
- Slip resistance TPU outsole
- Heel strap foldable, adjustable
- Breathable
- Protection against splash water
- Replaceable Active Comfort insole (part no. 2590.352610)

DYNAMIC

30°

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.37328	Anthracite	35 - 48
2590.37329	White	35 - 48

OB ABEBA® 5300 / 5310

- Norm: CE, EN ISO 20347, OB, A, FO, SRC
- Smooth leather, perforated
- Slip resistance special rubber outsole
- Heel strap foldable, adjustable
- Leather top layer

rubber

IEC EN

Part no.	Colour	Sizes
2590.5300	White	36 - 47
2590.5310	Black	36 - 47

OB ABEBA® 5250

- Norm: CE, EN ISO 20347, OB, SRC
- Smooth leather
- PU midsole
- Slip resistance special rubber outsole
- Heel strap foldable, adjustable
- Leather top layer

rubber

IEC EN

Part no.	Colour	Sizes
2590.5250	Dark Blue	36 - 47

OB ABEBA® 38210

- Norm: CE, EN ISO 20347, OB, A, FO, SRA
- Smooth leather
- Slip resistance PU outsole
- Heel strap foldable, adjustable
- Microfiber heel patch
- Breathable microfiber lining with moisture absorption
- **Wide fit**

Arrow

IEC EN

Part no.	Colour	Sizes
2590.38210	Black	36 - 47
2590.38212	Black	48 - 51

OB ABEBA® 35600 / 35602

- Norm: CE, EN ISO 20347, OB, A, FO, SRA
- Smooth leather, perforated
- Slip resistance PU outsole
- Heel strap foldable, adjustable
- Microfiber heel patch
- Breathable microfiber lining with moisture absorption
- **Wide fit**

Arrow

IEC EN

Part no.	Colour	Sizes
2590.35600	White	36 - 47
2590.35602	White	48 - 51

OB ABEBA® 377023

- Norm: CE EN ISO 20347, OB, E, FO, SRC
- A-micro
- Slip resistance outsole
- Sanitized® treated
- Heel strap foldable, adjustable
- Microfiber insole

the ORIGINAL

30° IEC EN

Part no.	Colour	Sizes
2590.377023	White/Blue	35 - 47

OB ABEBA® 37520 / 37530

- Norm: CE EN ISO 20347, OB, A, E, FO, SRC
- Microfiber, perforated
- Slip resistance TPU outsole
- Heel strap foldable, adjustable
- Microfiber heel patch

the ORIGINAL

30° IEC EN

Part no.	Colour	Sizes
2590.37520	White	36 - 42
2590.37530	Black	36 - 42

OB ABEBA® 5001

- Norm: CE, EN ISO 20347, OB, A, E, FO, SRC
- Smooth leather, perforated
- Slip resistance PU outsole
- Heel strap foldable, adjustable
- Leather top layer
- Narrow fit
- Wedge heel 45 mm

high ORIGINAL

IEC EN

Part no.	Colour	Sizes
2590.5001	White	36 - 42

ABEBA® 31092

- Smooth leather
- Slip resistance PU outsole
- Integrated Reflexor® massage footbed
- Breathable microfiber lining with moisture absorption
- Hand-sewn seam

Reflexor

IEC EN

Part no.	Colour	Sizes
2590.31092	Black	36 - 42

OB ABEBA® 36872 / 36874

- Norm: CE, EN ISO 20347, OB, A, E, SRB
- Velours-/ Smooth leather
- Slip resistance PU outsole
- Replaceable Reflexor insole with nubs (part no. 2590.3572)
- Heel strap non-foldable, adjustable
- Breathable microfiber lining with moisture absorption
- Instep area with elastic band
- Buckle fastening
- Hand-sewn seam

Reflexor

IEC EN

Part no.	Colour	Sizes
2590.36872	Black Velour leather	36 - 43
2590.36874	White Smooth leather	36 - 43

OB ABEBA® 36902 / 36912

- Norm: CE EN ISO 20347, OB, A, E, SRB
- Smooth leather
- Slip resistance PU outsole
- 2 replaceable Reflexor® insoles (white shoe: part no. 2590.3565 / 2590.3567 black shoe: part no. 2590.3565 / 2590.3568)
- Breathable microfiber lining with moisture absorption
- 3 adjustable instep straps with velcro fastening
- Hand-sewn seam

Reflexor

DGUV 112-191 IEC EN

Part no.	Colour	Sizes
2590.36902	White	36 - 42
2590.36912	Black	36 - 42

OB ABEBA® 4045 / 4050

- Norm: CE, EN ISO 20347, OB, A, FO, SRC
- Smooth leather, perforated
- Slip resistance special rubber outsole
- Leather coated cork footbed
- Heel strap non-foldable, adjustable
- Adjustable instep area
- Buckle fastening

NATURE

IEC EN

Part no.	Colour	Sizes
2590.4045	Night blue	34 - 48
2590.4050	White	34 - 48

OB ABEBA® 4080 / 4085

- Norm: CE, EN ISO 20347, OB, A, FO, SRC
- Smooth leather
- Slip resistance special rubber outsole
- Leather coated cork footbed
- 2 adjustable instep straps
- Velcro fastening

NATURE

IEC EN

Part no.	Colour	Sizes
2590.4080	White	34 - 48
2590.4085	Black	34 - 48

OB ABEBA® 39600 / 39610

- Norm: CE, EN ISO 20347, OB, A, E, SRC
- Autoclavable, sterilisable special material
- Slip resistance outsole
- Heel strap foldable, adjustable
- Washable at 60°C
- Snug fit

***Double sizes:**
35/**36**, 37/**38**, 39/**40**, 41/**42**, 43/**44**, 45/**46**
Please order the size printed in bold.

AUTO-KLAVIERBAR

60°

135°

IEC EN

Part no.	Colour	Sizes
2590.39600	White	36 - 46*
2590.39610	Blue	36 - 46*

O1 ABEBA® 35710

- Norm: CE, EN ISO 20347, O1, SRB
- Smooth leather black
- Slip resistance PU outsole
- 2 replaceable Reflexor® insoles (part no. 2590.3566/3570)
- Breathable microfiber lining with moisture absorption
- Instep area with lacing
- Hand-sewn seam

Reflexor

DGUV 112-191

IEC EN

Part no.	Colour	Sizes
2590.35710	Black	40 - 46

O1 ABEBA® 32430

- Norm: CE, EN ISO 20347, O1, SRB
- Smooth leather
- Slip resistance special rubber outsole
- Instep area with lacing
- Leather insole
- Breathable microfiber lining with moisture absorption

BUSINESS MEN

IEC EN

Part no.	Colour	Sizes
2590.32430	Black	40 - 47

ABEBA® M3110

- Calf leather
- Antistatic leather outsole
- Leather insole
- Breathable microfiber lining with moisture absorption
- Instep area with lacing

MANAGER

IEC EN

Part no.	Colour	Sizes
2590.M3110	Black	39 - 47

ABEBA® M3120

- Calf leather
- Antistatic leather outsole
- Leather insole
- Breathable microfiber lining with moisture absorption
- Instep area with lacing

MANAGER

IEC EN

Part no.	Colour	Sizes
2590.M3120	Black	39 - 47

ABEBA® M3130

- Calf leather
- Antistatic leather outsole
- Leather insole
- Breathable microfiber lining with moisture absorption
- Instep area with lacing

MANAGER

IEC EN

Part no.	Colour	Sizes
2590.M3130	Black	39 - 47

ABEBA® M3940

- Smooth leather
- Breathable microfiber lining with moisture absorption
- Heel 60 mm
- Antistatic leather outsole

BUSINESS LADY

IEC EN

Part no.	Colour	Sizes
2590.M3940	Black	36 - 42

ABEBA® M3980

- Smooth leather
- Breathable microfiber lining with moisture absorption
- Instep area with lacing
- Heel 60 mm
- Antistatic leather outsole

BUSINESS LADY

IEC EN

Part no.	Colour	Sizes
2590.M3980	Black	36 - 42

ABEBA® M3990

- Smooth leather
- Breathable microfiber lining with moisture absorption
- Heel 60 mm
- Antistatic leather outsole

BUSINESS LADY

IEC EN

Part no.	Colour	Sizes
2590.M3990	Black	36 - 42

EBEA®

OUTSOLE

TPU/PU MAXXIMO

MAXXIMUM EFEKTIVITY
With every step, Infinergy® absorbs a lot of energy.

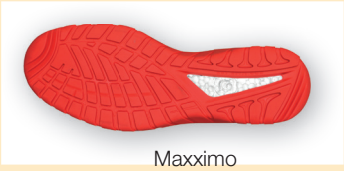
MAXXIMUM SENSE OF WELL-BEING
The wearer‘s feet stay fit longer with infinergy®.

MAXXIMUM DURABILITY
Infinergy® remains permanently elastic and always returns to its original form.

MAXXIMUM BOUNCE
Infinergy® returns far more energy to the wearer than traditional materials.

MAXXIMUM JOINT REST
Due to the excellent damping effects of Infinergy®, the joints are permanently protected.

MAXXIMUM TEMPERATURE RESISTANCE
Infinergy® retains full functionality in climatic conditions between **-20 and + 80° Celsius**.


Maxximo

MONO-PU SOLE L10

- Dissipative
- Optimal slip resistance

Outsole:
TPU = (thermoplastic polyurethane)
- Particularly abrasion-resistant
- Heat-resistant to approx. 130°C, flexible at cold temperatures to approx. -30°C
- Oil and fuel resistant

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

L10

O1 ELTEN NORRIS WHITE-RED LOW ESD

- Norm: EN ISO 20347 O1 SRC, form A
- Microfiber
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole ESD PRO grey
- Soft fleece ESD insole
- MONO-PU sole L10
- **Leather-free equipment**
- **Without protective toe cap**

Part no.	Colour	Sizes
2595.972220	White/Red	35 - 48

O1 ELTEN MADDIE GREY LOW ESD

NEW

WELLMAXX

- Norm: EN ISO 20347 O1 FO/SRC, form A
- Microfiber/Textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD grey
- Soft fleece ESD insole
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF
- **Metal- and leather-free equipment**
- **Without protective toe cap**

Part no.	Colour	Sizes
2595.949502	Grey/Aqua	36 - 42

O2 ELTEN MADDOX BLACK-RED LOW ESD

NEW

WELLMAXX

- Norm: EN ISO 20347 O2 FO/SRC, form A
- Hydrophobized microfiber/Hydrophobized textile material
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD black
- Soft fleece ESD insole
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF
- **Without protective toe cap**
- **Metal- and leather-free equipment**

Part no.	Colour	Sizes
2595.929652	Black/Red	36 - 49

O2 ELTEN MADDOX BLACK LEATHER LOW ESD

NEW

WELLMAXX

- Norm: EN ISO 20347 O2 FO/SRC, form A
- Hydrophobized nubuck leather
- Fabric lining for natural ventilation
- Padded tongue
- Full-length inlay sole SPORTIVE ESD black
- Soft fleece ESD insole
- TPU/PU sole MAXXIMO
- Sole core made of Infinergy® by BASF
- **Without protective toe cap**
- **Metal-free equipment**

Part no.	Colour	Sizes
2595.929563	Black	36 - 49

ELECTRA

OUTSOLE UND FOOTBED

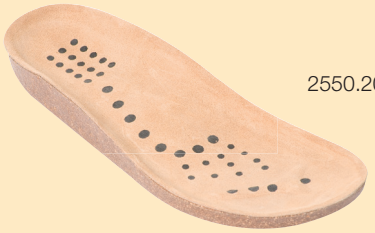
OUTSOLE

- Dissipative polyurethan outsole
- Permanently elastic
- Slip resistant and abrasion resistant sole profile

2550.2030
2550.2032

2550.1846

CORK FOOT-BED WITH NATURAL RUBBER



2550.2001.S

- Safe dissipation of electrostatic charges due to conductive rubber contact points
- The anatomically shaped cork footbed with natural rubber, ensures a comfortable fit and relieves the musculoskeletal system
- The ergonomic footbed also ensures a natural posture

ELECTRA 79250

- Smooth leather
- Comfortable fit
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- Made of natural leather
- PCP free
- Static dissipative PUR sole

Part no.	Colour	Sizes
2550.79250	White	35 - 48

ELECTRA 79253

- Smooth leather
- Comfortable fit
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- Made of natural leather
- PCP free
- Static dissipative PUR sole

Part no.	Colour	Sizes
2550.79253	Blue	35 - 48

ELECTRA 79350

- Smooth leather
- Comfortable fit
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- Made of natural leather
- PCP free
- Static dissipative PUR sole

Part no.	Colour	Sizes
2550.79350	White	35 - 48

ELECTRA 79353

- Smooth leather
- Comfortable fit
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- Made of natural leather
- PCP free
- Static dissipative PUR sole

Part no.	Colour	Sizes
2550.79353	Blue	35 - 48

ELECTRA 79150

- Smooth leather
- Comfortable fit
- Integral foot support
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- Made of natural leather
- PCP free
- Static dissipative PUR sole

IEC EN

Part no.	Colour	Sizes
2550.79150	White	35 - 48

ELECTRA 79153

- Smooth leather
- Comfortable fit
- Integral foot support
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- Made of natural leather
- PCP free
- Static dissipative PUR sole

IEC EN

Part no.	Colour	Sizes
2550.79153	Blue	35 - 48

ELECTRA 79450

- Smooth leather
- Comfortable fit
- Integral foot support
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- Made of natural leather
- PCP free
- Static dissipative PUR sole

IEC EN

Part no.	Colour	Sizes
2550.79450	White	35 - 48

ELECTRA 79453

- Smooth leather
- Comfortable fit
- Integral foot support
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- Made of natural leather
- PCP free
- Static dissipative PUR sole

IEC EN

Part no.	Colour	Sizes
2550.79453	Blue	35 - 48

ELECTRA 2030

- Nubuck leather
- Comfortable fit
- Integral foot support
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- PCP free
- Static dissipative PUR sole
- **Replaceable rubber and cork inner sole** (Part no. 2550.2001.S)

Part no.	Colour	Sizes
2550.2030	Black	35 - 48

ELECTRA 2032

- Nubuck leather
- Comfortable fit
- Integral foot support
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- PCP free
- Static dissipative PUR sole
- **Replaceable rubber and cork inner sole** (Part no. 2550.2001.S)

Part no.	Colour	Sizes
2550.2032	Black	36 - 47

ELECTRA 1846

- Velours leather
- Comfortable fit
- Integral foot support
- **Natural rubber and cork inner sole with conductive rubber inner contact points**
- PCP free
- Static dissipative PUR sole
- **Wedge heel**

Part no.	Colour	Sizes
2550.1846	Blue	35 - 42

BIRKENSTOCK®
PROFESSIONAL

OUTSOLE UND FOOTBED

EVA/PU-OUTSOLE

- Slip resistent and ebrasion resistent outsole
- Oil-restistent
- Excellent cushioning
- Permanently elastic latex cushion in soft footbed
- Velour surface

FOOTBED

① The anatomically shaped footbed ensures an unique comfort.
② The integrated static inhibitor protects against dangerous electrostatic discharges.
③ Strong footbed buckles ensure solid natural footing.
④ The cushioning cork-latex core support and relieves the feet.
⑤ The deep heel cup supports the foot and holds the heel bone in its natural position.

BIRKENSTOCK **ARIZONA**

- Original BIRKENSTOCK®-inner sole
- Air climate comfort
- Comfortable fit
- Made of **BirkoFlor®**
- Static dissipative EVA/PU sole
- 2 adjustable straps
- Atomically formed cork-latex footbed

IEC EN

Part no.	Colour	Fit	Sizes
2580.089438	Blue	Slim	35 - 48
2580.089430	Blue	Normal	35 - 48

BIRKENSTOCK **ARIZONA**

- Original BIRKENSTOCK®-inner sole
- Air climate comfort
- Comfortable fit
- Made of **BirkoFlor®**
- Static dissipative EVA/PU sole
- 2 adjustable straps
- Atomically formed cork-latex footbed

IEC EN

Part no.	Colour	Fit	Sizes
2580.089418	White	Slim	35 - 48
2580.089410	White	Normal	35 - 48

BIRKENSTOCK **ARIZONA**

- Original BIRKENSTOCK®-inner sole
- Air climate comfort
- Comfortable fit
- Made of **BirkoFlor®**
- Static dissipative EVA/PU sole
- 2 adjustable straps
- Atomically formed cork-latex footbed

IEC EN

Part no.	Colour	Fit	Sizes
2580.089428	Black	Slim	35 - 48
2580.089420	Black	Normal	35 - 48

BIRKENSTOCK **BILBAO**

- Original BIRKENSTOCK®-inner sole
- Air climate comfort
- Comfortable fit
- Made of **BirkoFlor®**
- Static dissipative EVA/PU sole
- Adjustable straps
- Non slip out sole
- Oil- and grease-resistant

IEC EN

SOFT FOOTBED

Part no.	Colour	Fit	Sizes
2580.520848	Black	Slim	36 - 42
2580.520840	Black	Normal	39 - 46

BIRKENSTOCK KANO

- Original BIRKENSTOCK®-inner sole
- Air climate comfort
- Comfortable fit
- Made of **BirkoFlor®**
- Static dissipative EVA/PU sole
- Adjustable straps / heel strap
- Non slip out sole
- Oil- and grease-resistant

IEC EN

SOFT FOOTBED

Part no.	Colour	Fit	Sizes
2580.500588	Black	Slim	36 - 42
2580.500580	Black	Normal	39 - 46

BIRKENSTOCK BOSTON

- Original BIRKENSTOCK®-inner sole
- Air climate comfort
- Comfortable fit
- Made of **leather**
- Static dissipative EVA/PU sole
- Adjustable straps
- Anatomically formed cork-latex footbed

IEC EN

LEATHER

Part no.	Colour	Fit	Sizes
2580.061368	Black	Slim	36 - 42
2580.061360	Black	Normal	39 - 48

BIRKENSTOCK TOKIO

- Original BIRKENSTOCK®-inner sole
- Air climate comfort
- Comfortable fit
- Made of **leather**
- Static dissipative EVA/PU sole
- Adjustable straps / heel strap
- Anatomically formed cork-latex footbed

IEC EN

LEATHER

Part no.	Colour	Fit	Sizes
2580.061408	Black	Slim	36 - 42
2580.061400	Black	Normal	39 - 48
2580.061398	Blue	Slim	36 - 42
2580.061390	Blue	Normal	39 - 48

BIRKENSTOCK QO 500 ESD

- Oil- and grease-resistant outsole
- Energy absorption in the heel area
- Upper: waterresistant smooth leather
- Slip resistant sole made of nitrile rubber
- Replacable BIRKENSTOCK® cork footbed

IEC EN

LEATHER

Part no.	Colour	Fit	Sizes
2580.1011366	White	Normal	35 - 48
2580.1011365	Black	Normal	35 - 48

ESD
BIRKEN
BIRKENSTOCK

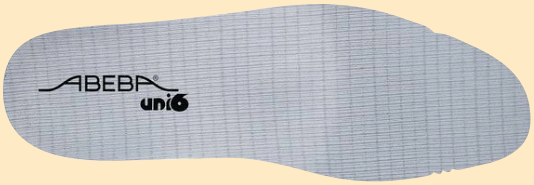
ABEBA® (STATIC DISSIPATIVE) INSOLES

Active Comfort

The Abeba „Active Comfort“ insole offers additional support to the metatarsal area of the foot by its new technically mature form.

The breathable insole has antibacterial properties and is electrostatically dissipative. It absorbs the fluids and transports them outside and thus keeps the feet dry.

- Odour-impeding activated carbon
- Cushioning effect
- Breathability
- Moisture absorption
- Moisture release to the outside
- Antibacterial
- Light



Soft Comfort
- Best wearing comfort
- Pleasently tender surface
- Anatomic midfoot pad
- All-over cushioning and breathable

Reflexor® Insole
- Massage active footbed
- Stimulates the blood circulation by massage knobs
- Orthopaedic footbed

ABEBA® INSOLES

- Active comfort insole for safety shoes

anatom

IEC
EN

Part no.	Model	Design	Sizes
2590.352320	anatom	closed	35 - 48
2590.352420	anatom	open	35 - 48

ABEBA® INSOLES

- Active comfort insole for professional shoes

x-light

IEC
EN

Part no.	Model	Design	Sizes
2590.351610	x-light	closed	35 - 48

ABEBA® INSOLES

- Active comfort insole

uni6

IEC EN

Part no.	Model	Design	Sizes
2590.352510	professional shoes	closed	35 - 48
2590.352520	safety shoes	closed	35 - 48

ABEBA® INSOLES

- Active comfort insole for safety shoes

x-light

IEC EN

Part no.	Model	Design	Sizes
2590.351620	x-light	closed	35 - 48
2590.351720	x-light	open	35 - 48

ABEBA® INSOLES

- Active comfort insole for occupational shoes (Dynamic)
- Medifit insole for occupational shoes (Dynamic flow)

DYNAMIC

DYNAMIC flow

IEC EN

Part no.	Model	Design	Sizes
2590.352610	Dynamic	open	35 - 48
2590.352630	Dynamic flow	closed	35 - 48

ABEBA® INSOLES

- Active comfort insole professional shoes

easy

IEC EN

Part no.	Model	Design	Sizes
2590.352710	Easy	open	35 - 48

ABEBA® INSOLES

- Replacable comfort insole for shoes with air cushion PU sole

air cushion

IEC EN

Part no.	Model	Sizes
2590.3551	air cushion	35 - 47

ABEBA® INSOLES

- Microfiber
- **Reflexor® massage active footbed**
- Stimulates the blood circulation by massage knobs
- Orthopaedic footbed
- **Dissipative**

IEC EN

Part no.	Model	Shoe type	Sizes
2590.3565	Reflexor	Women	36 - 42
2590.3566	Reflexor	Men	40 - 46
2590.3572	Reflexor	Women open	36 - 43

ABEBA® INSOLES

- Microfiber
- **Reflexor® Insole**
- Massage active footbed
- Stimulates the blood circulation by massage knobs
- Antistatic
- Dissipative

IEC EN

Part no.	Model	Shoe type	Sizes
2590.3567	Reflexor	Women (White)	36 - 42
2590.3569	Reflexor	Men (White)	40 - 46
2590.3568	Reflexor	Women (Anthracite)	36 - 42
2590.3570	Reflexor	Men (Anthracite)	40 - 46

STEITZ INSOLES
ORTHO-SOFT

2575.Z25600

2575.Z25700

2575.Z25800

- Insole adapted to the foot shape with individually selectable support of the longitudinal arch.
- The anatomically shaped foam insert supports cushioning effect over the entire walking area and relieves sensitive pain and pressure points.

Z25600: Strong support of the longitudinal arch.
Particularly suitable for high arches.
Z25700: Reinforced support of the longitudinal arch.
Particularly suitable for normal and fallen arches.
Z25800: Mild support of the longitudinal arch.
Particularly suitable for flat feet.

IEC EN

Part no.	Model	Größe
2575.Z25600	High	35 - 48
2575.Z25700	Medium	35 - 48
2575.Z25800	Low	35 - 48

STEITZ INSOLES
ERGO-COOL® ESD

ERGO-COOL® ESD
- Comfort insole with cushioning grid structure for best air circulation

IEC EN

Part no.	Sizes
2575.Z25300	35 - 48

STEITZ INSOLES
ERGO-SOFT ESD

ERGO-Soft ESD
- Comfort insole with a supportive Soft-foam cushioning-system for a comfortable fit

IEC EN

Part no.	Sizes
2575.Z25400	35 - 48

ELTEN INSOLES
ESD PRO

- abrasion proof
- full-length insole
- excellent moisture absorption and transmission properties for a pleasant foot climate

IEC EN

Part no.	Shoe type	Sizes
2595.204054	Safety shoes	35 - 52
2595.204056	Women	35 - 42

ELTEN INSOLES
SENSICARE

- anatomically shaped foootbed comfortable natural heel-to-toe movement of the foot
- semi-orthopaedic inlay sole
- full-length insole with arch in 3 different heights (Low/Medium/High)

IEC EN

Part no.	Model	Sizes
2595.204080	ELTEN SensiCare Low	36 - 48
2595.204081	ELTEN SensiCare Medium	36 - 48
2595.204082	ELTEN SensiCare High	36 - 48

ELECTRA CORK FOOT-BED

- **Replaceable cork foot-bed**
  (Part no. 2550.2030 und 2550.2032)

IEC
EN

Part no.	Colour	Sizes
2550.2001.S	Cork	35 - 48

PEZZOL INSOLES

- Breathable insoles with highest comfort
- Anatomical forefoot padding for comfortable foot bedding
- Shock-absorbing heel cushioning through PU foam cushions to reduce the high impact forces
- Dissipative full-surface insoles

IEC
EN

Part no.	Colour	Sizes
2585.T01	Black	36 - 47

ESD-SOCKS

- Perfect fit and flexible ESD socks
- Seamless toe area
- Conductive fibre troughout the socks
- 60% Cotton, 37% Polyester, 3% silver threads
- With ESD Logo

S = 36–38, M = 39/40, L = 41/42, XL = 43–45, 2XL = 46–48

Part no.	Colour
2720.8140.*	Black

* S, M, L, XL, 2XL

ESD-SOCKS

- Perfect fit and flexible ESD socks
- Conductive fibre in toe und heel area
- 90% Polyester, 7% Spandex, 3% silver threads
- With ESD Logo

S = 36–38, M = 39/40, L = 41/42, XL = 43–45, 2XL = 46–48

Part no.	Colour
2720.4260.*	White/Grey

* S, M, L, XL, 2XL

WALL MOUNTED CONTAINER

- Plastic wall mounted container for disposable heelgrounders
- Colour: yellow with black print
- Supplied without “disposable heelgrounders”

Part no.	Measurement
2560.894.H.N	315 x 55 x 200 mm (L x W x H)

DISPOSABLE HEEL GROUNDERS

- For normal shoes
- Conductive material, self-adhesive strips

IEC EN

Part no.	Colour	Qty.
2560.894	Black/Yellow	100 pcs

HEEL GROUNDER

- For normal shoes with flat heel
- **Durable quick release heel grounder**
- 1 MOhm safety resistor
- Red, elastic heel band
- Replaceable connecting strap

IEC EN

Part no.	Model	Length	Qty.
2560.890.R	Heel grounder with replaceable connecting strap		
2560.890.R.47	Connecting strap	47 cm	100 pcs
2560.890.R.100	Connecting strap for boots	100 cm	25 pcs

WOMEN'S TOE GROUNDER

- For high heel shoes
- Durable
- 1 Mohm safety resistor

IEC EN

Part no.	Colour	Model
2560.891	Black	Elastic band
2560.891.2.S	Blue	Velcro fastening

HEEL GROUNDER

- For normal shoes with flat heel
- Durable
- **Heel grounder with velcro fastening**
- 1 Mohm safety resistor

IEC EN

Part no.	Colour
2560.890	Black/Blue
2560.895	Black/Blue/Red

HEEL GROUNDER

- For normal shoes with flat heel
- **Durable quick release heel grounder**
- 1 Mohm safety resistor

IEC EN

Part no.	Colour
2560.890.2.S	Black/Blue
2560.895.2.R	Black/Blue/Red

WRIST STRAPS

Adjustable, elastic, with silver impregnated threads interwoven on the inside, hypoallergenic

IEC EN

Part no.	Colour	Connection
2050.750.3 ⌑	light blue	3 mm snap
2050.750.7 ⌑	light blue	7 mm snap
2050.750.10	light blue	10 mm snap
2051.750.3 ⌑	dark blue	3 mm snap
2051.750.10	dark blue	10 mm snap

⌑ complies with BGI 818 (ZH1/267)

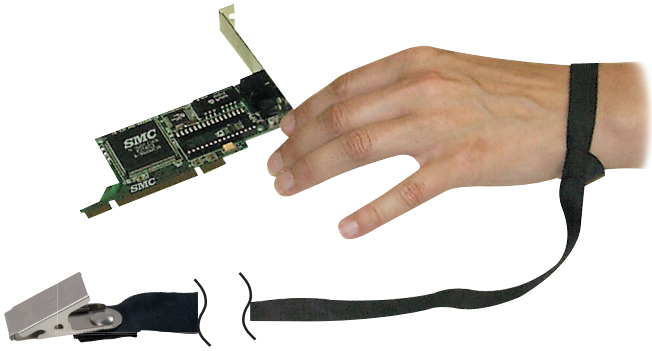
STAINLESS STEEL BAND

Expandable, adjustable band with an insulated shock resistant exterior, protects the wearer from electrical shocks, hypoallergenic

IEC EN

Part no.	Colour	Connection	Size
2052.750.5.3	black	3 mm snap	adjustable
2052.750.5.10	black	10 mm snap	adjustable

DISPOSABLE WRIST STRAP



Dissipative Nylon wrist strap, ideal for visitors and one time use applications.

- Sizes: length 1,5 m, width 12,5 mm
- Black wrist strap with a looped end
- Metal clip for ground connection
- **Do not use with voltages above 250 V**

IEC EN

Part no.	Qty.
2060.5410.K	1 box = 100 pieces

COIL CORDS

2100.752.*

2100.751.*

- Highly elastic 2,4 m coil cords
- 10 mm snaps

IEC EN

Part no.	Colour	Connection
2 x 1 Mohm resistors, length: 2,4 m		
2100.752.3.10 ⌑	light blue	3/10 mm snap
2100.752.7.10 ⌑	light blue	7/10 mm snap
2100.752.10.10	light blue	10/10 mm snap
2101.752.3.10 ⌑	black	3/10 mm snap
2101.752.10.10	black	10/10 mm snap
2 x 1 Mohm resistors, length: 3,6 m		
2101.752.3.10.1	black	3/10 mm snap
1 Mohm resistors, length: 2,4 m		
2100.751.3	light blue	3 mm snap/ banana plug
2100.751.7	light blue	7 mm snap/ banana plug
2100.751.10	light blue	10 mm snap/ banana plug
2101.751.3	black	3 mm snap/ banana plug
2101.751.10	black	10 mm snap/ banana plug

⌑ complies with BGI 818 (ZH1/267)

MINI COIL CORDS

2101.780.*

- Ultralight weight
- 2,4 m length
- Mohm safety resistors with 10 mm snap or banana plug

2101.751.*

IEC EN

Part no.	Colour	Connection
2 x 1 Mohm resistors		
2101.780.3.10 ⌑	black	3/10 mm snap
2101.780.3	black	3 mm snap/ banana plug
1 Mohm resistors		
2101.751.3.2	black	3 mm snap/ angled 4 mm socket

⌑ complies with BGI 818 (ZH1/267)

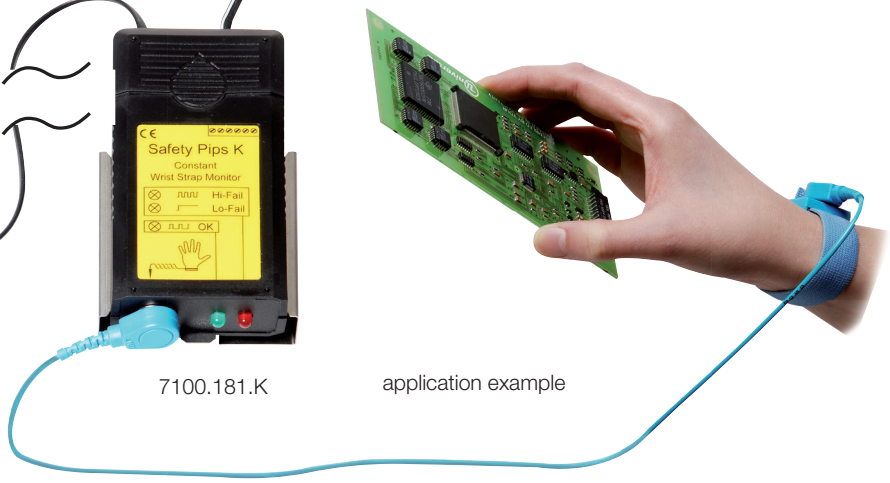
7100.181

7100.181.C

7100.181.H

7100.181.K.M

7100.181.K



application example

Continuous wrist strap monitor

Test method:	Impedance capacitive measurement
Test range:	1 MOhm ...(100 pF + 2 MOhm) OK HI-Fail > 5 Mohm LO-Fail < 400 kohm
Signal:	Audible and visible (7100.181) + visible and via relay output (7100.181.K)

Video

Part no.	
7100.181	Safety Pips with a 10 mm snap (battery operated) incl. calibration certificate
7100.181.K	Safety Pips with relay output, 10 mm snap Operation: 230 VAC power supply incl. calibration certificate
7100.181.C	Calibration Unit for Safety Pips / Safety Pips K incl. calibration certificate
7100.181.103	Power supply 230V AC for 7100.181 retrofit
7100.181.H	Mounting bracket for Safety Pips
7100.181.K.M	Additional module with 3 LED's (two colours: red and green), for Safety Pips K with about 2 m connecting cable

METRISO®3000 MESS-KIT

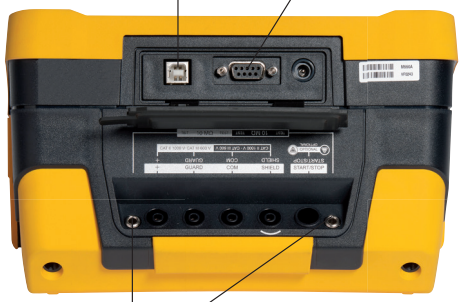
Clip-on humidity and temperature sensor

Productlink

Barcode scanner

USB interface

Interface for T/H sensor and barcode scanner



sockets to check 10 MOhm reference resistor

Digital high resistance tester suitable for resistance to ground measurement, surface resistance measurement and point-to-point-resistance measurement.

Includes:
Metriso® 3000 - test kit includes: digital high resistance tester, temperature and relative humidity sensor, USB port, PC software for Windows®, 2 probes, a hand-held probe with connecting cable, users manual in German, English and French, calibration certificate, conductive carrying case fitted with dissipative pink foam.

For more information please see our main catalog or our website: www.warmbier.com

IEC EN

Part no.	
7100.3000.MK	Metriso® 3000 Test Kit, menu language German/English/French/Spanish
7100.3000.MK.870	Metriso® 3000 Test Kit with Probes 870, menu language German/English/French/Spanish
7100.3000.G	Metriso® 3000 Test Instrument only, menu language German/English/French/Spanish

Accessoires:	
7100.2000.TR50	50 m extension cable for floor measurements
7100.2000.ML	Replacement set of connecting cables (com/shield, +pole)
7100.3000.SC.2D	Barcode-Scanner for 2D and 1D Codes

METRISO® B530 BASIC TEST-KIT

Digital high resistance tester suitable for resistance to ground measurement, surface resistance measurement and point-to-point-resistance measurement.

Includes:
Metriso® B530 - test kit includes: digital high resistance tester, 2 probes model 870 with extension, a hand-held probe with connecting cable, users manual in German, English and French, calibration certificate, conductive carrying case fitted with dissipative pink foam.

For more information please see our main catalog or our website: www.warmbier.com

Productlink

Part no.	
7100.B530.MK	Metriso® B530 Basic Test-Kit
7100.B530.G	Metriso® B530 Basic, instrument only

THERMO-HYGROMETER TF-530

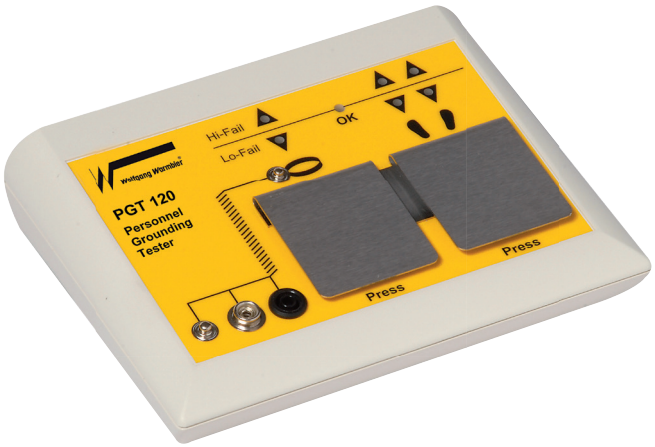
Digital thermo-hygrometer, ideal for fast and precise measurement of temperature and humidity.

Includes:
Meter, 9 V-Battery, leather case, users manual (german/english)

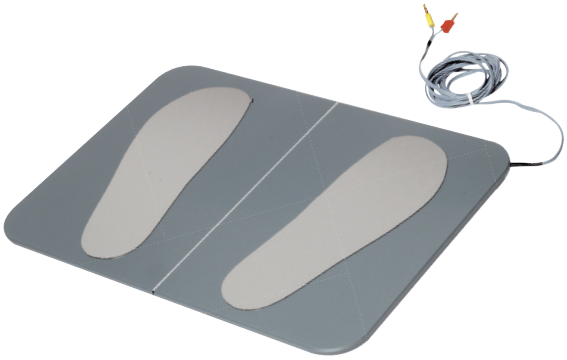
For more information please see our main catalog or our website: www.warmbier.com

Part no.	
7100.TF530	Digital Thermo-Hygrometer TF-530

PGT®120 PERSONNEL GROUNDING TESTER



Video



Footwear electrode for separate shoe testing
Dimension: 350 x 500 mm

Video
„hands-free“

The Personnell Grounding Tester PGT®120 is a wrist strap and footwear tester for access control of ESD protected areas (EPA's)

- The test result is indicated with audible and visual signals. A relay with a dry contact provides the connection to a door opening system
- Power supply: Internal battery or external power supply unit
- Wrist strap, right and left shoe testing is simultaneously possible by separate measuring circuits
- In combination with a barrier gate, the footwear measurement can be performed in series without pressing a button (hands-free mode).
- Separate measurement of left and right shoe
- Lower limit disabling is possible
- The unit can be used on bench tops or as a wall mounted unit (Wall mounting requires an additional wall mounting plate)
- Adjustable limits and specific functions through 12 dip switches

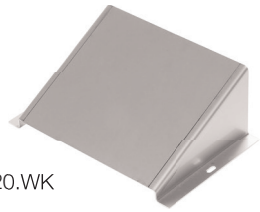
Includes:
PGT®120 unit, footwear testing electrode, operating instructions (english/german), Calibration Certificate, 9 volt battery and 230 VAC / 12 V power supply

IEC
EN

Part no.	
7100.PGT120	Personnel Grounding Tester PGT®120

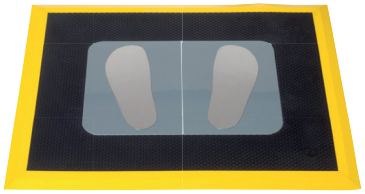
! **PGT®120 accessories see page 81**

PGT®120 ACCESSORIES



7100.PGT120.WK

Calibration Unit for PGT®120 with 12 Dip switches



Mat for footwear electrode
Dimension: 830 x 680 x 13 mm
Delivered without footwear electrode

Separation bar for footwear electrode PGT®120/PGT®120.COM

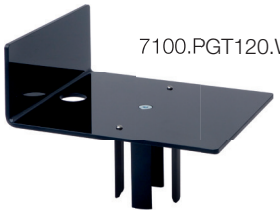
Part no.	
7100.PGT120.WK	Wall mounting plate for PGT®120 and PGT® 120.COM
7100.PGT120.CU.12	Calibration unit for PGT® 120 and PGT® 120.COM incl. calibration certificate for PGTs with 12 Dip switches
7100.PGT120.SM	Mat for footwear electrode with yellow bevelled edges, delivered without footwear electrode
7100.PGT120.TS	Separation bar for footwear electrode PGT®120/PGT®120.COM

STEEL POST FOR PGT®120 WITH HOLDER

application example

1801.G.P.TERM

7100.PGT120.SM.TERM



7100.PGT120.WK.H

7100.PGT120.WK

- Powder coated steel post
- Colour: yellow
- Plastic coated steel base in black
- Post height: 960mm
- Base diameter: 350mm
- Weight: 10 kg
- Holder for PGT®120 attachable
- Standard wall bracket 7100.PGT120.WK adjustable on holder

Part no.	
1801.G.P.TERM	Steel post incl. dummy and steel base
7100.PGT120.WK.H	Holder for PGT®120, attachable
7100.PGT120.WK	Wall mounting plate
7100.PGT120.SM.TERM	Mat for footwear electrode with yellow bevelled edges, delivered without footwear electrode
7100.PGT120.TERM.SET	Set Pos. 1 – 4
7100.PGT120.WK.H.DT	Holder extension for Data Terminal 3

PGTest STATION

Magnetic document holder made of IDP-STAT® - PVC in size DIN A3. Usable for various labeling options.

application example

Video

Test: OK

Test: FAIL

- Test station for PGT®120 or PGT®120.COM
- Dimensions: 1700 x 590 x 730 mm (H x W x D)
- **PGT®120 and printer are not included.**

Part no.	
7100.PGT120.TEST.V01	PGTest Station for PGT®120 / PGT®120.COM with magnetic document holder made of IDP-STAT-PVC in size DIN A3, incl. wall mounted container
7100.PGT120.TEST.V18	PGTest Station for PGT®120.COM with Touchscreen-data terminal and temperature/humidity sensor incl. wall mounted container

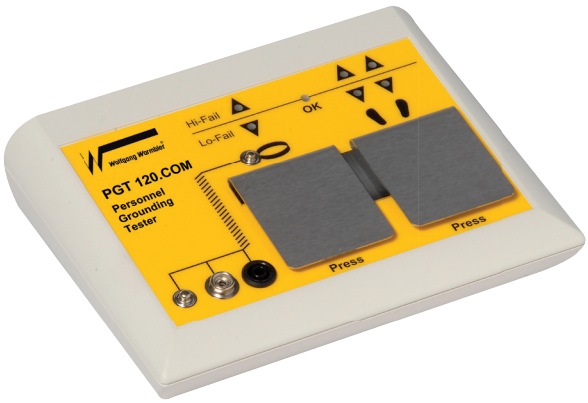
PGT®120.COM WITH RS232 INTERFACE

The PGT®120.COM is a special version of the Personnel Grounding Tester PGT®120 and includes an additional RS232 interface.
The RS232 interface is able to process measurement data and test results in ASCII like time attendance systems.
- Adjustable door opening time (1 second or 3 seconds)
- Power supply: external power supply unit 230V AC / 12 V

Description of Interface:
- A computer or a terminal can be connected to the serial RS232 interface. Data is available in ASCII format, a computer with terminal program is sufficient to monitor measurement data in plain text.

Data:
- value footwear in series: value in kOhm
- value wrist strap system: value in kOhm
- value left foot: value in kOhm
- value right foot: value in kOhm
- test OK: OK
- test failed: Error no.

Includes:
PGT®120.COM, footwear testing electrode, calibration certificate, operating instructions (german/english), power supply 230 V AC / 12 V



IEC EN

Part no.	
7100.PGT120.COM	Special version PGT®120.COM with RS232-interface

PGT®120 accessories see page 81

EFM®51 – WALKING TEST KIT

Productlink

- EFM®51 with conductive base and measuring head MK51
- By mounting the measuring head MK51 the EFM®51 can be used for verification measurement of body voltage (walking test) according to IEC 61340-4-5.
- The measuring head MK51 is specially calibrated for using the EFM®51
- The EFM®51 shows the positive and negative „PEAK“ value of the measured body voltage.

Includes:
- EFM®51 with measuring head MK51 in conductive carrying case
- conductive base, test lead and hand electrode

Part no.	
7100.EFM51.WT	EFM®51 with carrying case, MK51, base and connecting cable

EFM®51 – VERIFICATION KIT

Verification Kit for measuring electrostatic fields and electrostatic charges, as well as the body voltage of a person while performing the walking test. Additionally the decay time and the offset voltage of ionizers can be measured.

Includes:
- EFM®51 – CPS (Charged Plate Set)
- EFM®51 – Walking Test Kit
- Calibration certificate
- Conductive carrying case

Part no.	
7100.EFM51.VK	EFM®51 with carrying case, MK51, base, connecting cable and charged plate set

WORKWEAR

INDIVIDUAL WORKWEAR

CUSTOM SIZES, DESIGN AND LOGOS
AVAILABLE ON REQUEST!

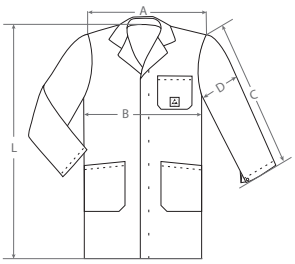
Sample

STANDARD SMOCK **AM-160**

- **Standard**
- UNISEX sizes
- 3/4 design, long sleeves
- Static dissipative fabric made of a mixture of 65% Polyester, 32% Cotton and 3% Carbon coated yarn
- Lightweight, breathable and comfortable fit
- Easy snap fastening
- Machine washable up to 60 °C
- Weight 156 g/m²
- Conductive in 4 mm grid
- Breast pocket with ESD symbol
- Two side pockets

IEC EN

Part no.	Colour
2610.AM160.*	White
2630.AM160.*	Blue
2640.AM160.*	Grey
	*XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL



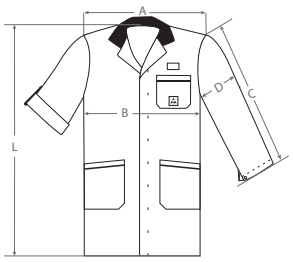
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	L [cm]
XS	44	52	60	21	99
S	46	55	61	22	100
M	48	57	62	23	100
L	50	60	63	24	101
XL	52	63	64	25	102
2XL	55	68	65	27	103
3XL	58	72	66	28	103
4XL	61	76	67	30	104
5XL	64	80	67	31	105

SMOCK AM-160
WITH APPLICATIONS

- **With Applications**
- UNISEX sizes
- 3/4 design, long sleeves
- Static dissipative fabric made of a mixture of 65% Polyester, 32% Cotton and 3% Carbon coated yarn
- Lightweight, breathable and comfortable fit
- Easy snap fastening
- Machine washable up to 60 ºC
- Weight 156 g/m²
- Conductive in 4 mm grid
- Breast pocket with ESD symbol
- Two Side pockets
- Folded sleeves fixture with a snap

IEC EN

Part no.	Colour
2618.AM160.B*	Blue/Dark blue
2618.AM160.W*	White/Blue
2618.AM160.W.BX*	White/Bordeaux
2618.AM160.G.*	Grey/Black
2618.AM160.G.BX*	Grey/Bordeaux
	*XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL



Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	L [cm]
XS	44	52	60	21	99
S	46	55	61	22	100
M	48	57	62	23	100
L	50	60	63	24	101
XL	52	63	64	25	102
2XL	55	68	65	27	103
3XL	58	72	66	28	103
4XL	61	76	67	30	104
5XL	64	80	67	31	105

conductive cuffs

earth bonding point

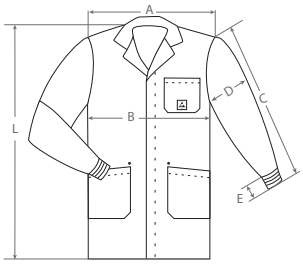
grounding via coilcord

SMOCK AM-160
WITH CONDUCTIVE CUFFS

- **With conductive cuffs**
- **3 mm snap: earth bonding point for personnel grounding with a coil cord**
- **Standard**
- UNISEX sizes
- 3/4 design, long sleeves
- Static dissipative fabric made of a mixture of 65% Polyester, 32% Cotton and 3% Carbon coated yarn
- Lightweight, breathable and comfortable fit
- Easy snap fastening
- Machine washable up to 60 °C
- Weight 156 g/m²
- Conductive in 4 mm grid
- Breast pocket with ESD symbol
- Two Side pockets

IEC EN

Part no.	Colour
2615.AM160.C.*	White
2635.AM160.C.*	Blue
2645.AM160.C.*	Gray
	*XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL



Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	L [cm]
XS	44	52	65	21	99
S	46	55	66	22	100
M	48	57	67	23	100
L	50	60	68	24	101
XL	52	63	69	25	102
2XL	55	68	70	27	103
3XL	58	72	71	28	103
4XL	61	76	72	30	104
5XL	64	80	72	31	105

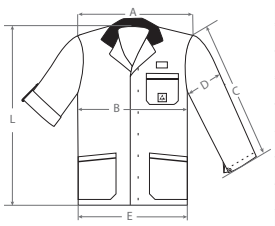
SHORT SMOCK KL-160
WITH APPLICATIONS

- **With Applications**
- UNISEX sizes
- 1/2 design, long sleeves
- Static dissipative fabric made of a mixture of 65% Polyester, 32% Cotton and 3% Carbon coated yarn
- Lightweight, breathable and comfortable fit
- Easy snap fastening
- Machine washable up to 60 ºC
- Weight 156 g/m²
- Conductive in 4 mm grid
- Breast pocket with ESD symbol
- Two Side pockets
- Folded sleeves fixture with a snap

IEC
EN

Part no.	Colour
2660.KL160.B*	Blue/Dark blue
2660.KL160.W*	White/Blue
2660.KL160.W.BX*	White/Bordeaux
2660.KL160.G.*	Grey/Black
2660.KL160.G.BX.*	Grey/Bordeaux

*XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL



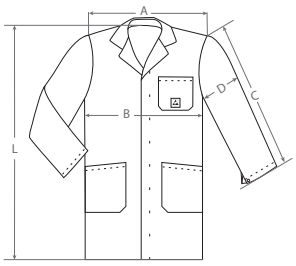
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	E [cm]	L [cm]
XS	44	53	59	20	54	79
S	46	55	60	22	57	80
M	48	57	60	23	60	81
L	50	60	61	24	63	82
XL	52	63	62	25	66	82
2XL	55	68	63	27	69	84
3XL	58	72	64	28	72	85
4XL	61	76	65	30	75	86
5XL	64	80	66	31	78	87

SMOCK AM-120
POLYESTER

- UNISEX sizes
- 3/4 design, long sleeves
- For clean production areas
- Static dissipative fabric made of a mixture of 98% Polyester 2% Carbon coated yarn
- Lightweight and comfortable fit
- Easy snap fastening
- Machine washable up to 40 °C
- Weight 120 g/m²
- Conductive 4 mm grid
- Breast pocket with ESD symbol
- Two Side pockets

IEC EN

Part no.	Colour
8710.AM120.*	White
	*S, M, L, XL, 2XL, 3XL



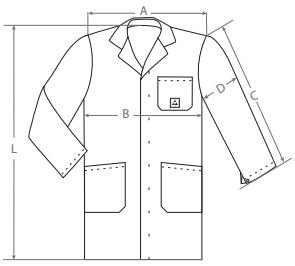
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	L [cm]
S	46	55	61	22	100
M	48	57	62	23	100
L	50	60	63	24	101
XL	52	63	64	25	102
2XL	55	68	65	27	103
3XL	58	72	66	28	103

SMOCK AM-110
EXTRA LIGHT

- UNISEX sizes
- 3/4 design, long sleeves
- Static dissipative fabric made of a mixture of 50% Polyester, 47% Cotton and 3% Carbon coated yarn
- Lightweight, breathable and comfortable fit
- Machine washable up to 60 °C
- Weight 110 g/m²
- Conductive in 4 mm grid
- Breast pocket with ESD symbol
- Two Side pockets

IEC EN

Part no.	Colour
2610.AM110.*	White
	*S, M, L, XL, 2XL, 3XL, 4XL, 5XL



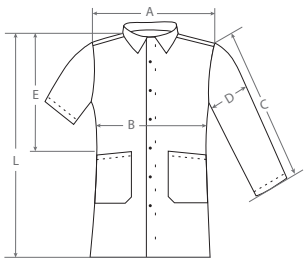
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	L [cm]
S	46	55	61	22	100
M	48	57	62	23	100
L	50	60	63	24	101
XL	52	63	64	25	102
2XL	55	68	65	27	103
3XL	58	72	66	28	103
4XL	61	76	67	30	104
5XL	64	80	67	31	105

DISPOSABLE SMOCK **NON-WOVEN**

- UNISEX sizes
- 3/4 design long sleeves
- Lightweight and soft material
- For clean production areas
- Dissipative material
- Breathable
- Prevention of product contamination through particles and fibres
- Two side pockets
- Velcro fastening

IEC
EN

Part no.	Colour	Qty.
2685.DS.*	Grey	10 pcs
		*M, XL, 3XL



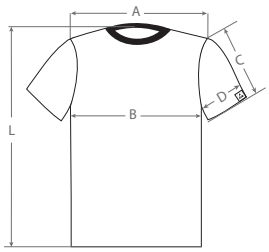
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	E [cm]	L [cm]
M	54	62	60	23	51	97
XL	58	68	62	24	52	105
3XL	64	77	64	25	53	113

T-SHIRTS

- UNISEX sizes
- Static dissipative fabric for use in ESD protected areas
  (**White/Blue/black:** 97% Cotton, 3% Carbon coated yarn)
  (**Grey:** 88% Cotton, 9% Polyester, 3% Carbon coated yarn)
- Lightweight, breathable and comfortable fit
- Machine washable up to 40°C
- Weight: **Blue/Black/Grey:** 150 g/m²
  White: 160 g/m²
- Sleeve with ESD symbol
- Knitted material with conductive fibres

IEC EN

Part no.	Colour
2653.T.*	White
2655.T.*	Grey
2657.T.*	Blue
2659.T.*	Black
	*XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL



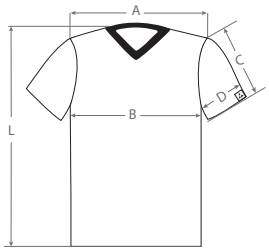
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	L [cm]
XS	41	51	21	21	66
S	43	53	21	21	66
M	46	55	22	22	68
L	48	58	22	23	70
XL	50	62	24	25	71
2XL	52	66	26	26	72
3XL	54	70	26	28	73
4XL	56	74	26	29	75
5XL	58	78	27	30	77

T-SHIRTS V-NECK

- UNISEX sizes
- Static dissipative fabric for use in ESD protected areas
  (**White/Blue/black:** 97% Cotton, 3% Carbon coated yarn)
  (**Grey:** 88% Cotton, 9% Polyester, 3% Carbon coated yarn)
- Lightweight, breathable and comfortable fit
- Machine washable up to 40°C
- Weight: **Blue/Black/Grey:** 150 g/m²
  White: 160 g/m²
- Sleeve with ESD symbol
- Knitted material with conductive fibres

IEC
EN

Part no.	Colour
2654.TV.*	White
2656.TV.*	Grey
2658.TV.*	Blue
2660.TV.*	Black
	*XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL



Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	L [cm]
XS	41	51	21	21	66
S	43	53	21	21	66
M	46	55	22	22	68
L	48	58	22	23	70
XL	50	62	24	25	71
2XL	52	66	26	26	72
3XL	54	70	26	28	73
4XL	56	74	26	29	75
5XL	58	78	27	30	77

POLOSHIRTS

- UNISEX sizes
- 1/2 design, short sleeves
- Static dissipative fabric with conductive fibres
  (**Blue/black:** 47% Polyester, 50% Cotton,
  3% Carbon coated yarn)
  (**White:** 48% Polyester, 50% Cotton, 2% Carbon coated yarn)
  (**Grey:** 8% Polyester, 89% Cotton, 3% Carbon coated yarn)
- Lightweight, breathable and comfortable fit
- Machine washable up to 40°C
- Weight: **Blue/Black/Grey:** 210 g/m²
  White: 200 g/m²
- Breast pocket with ESD symbol

IEC EN

Part no.	Colour
2623.P.*	White
2625.P.*	Grey
2627.P.*	Blue
2629.P.*	Black
	*XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL

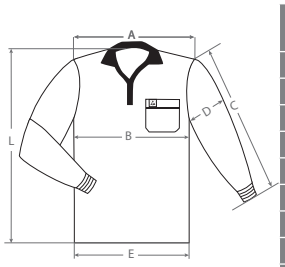
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	E [cm]	L [cm]
XS	40	50	22	20	45	75
S	43	53	23	21	48	75
M	46	55	24	21	51	76
L	48	59	25	22	55	76
XL	50	63	26	23	59	78
2XL	52	67	26	24	63	78
3XL	54	71	27	26	67	81
4XL	56	75	28	28	71	82
5XL	58	79	29	30	75	83

POLOSHIRTS LONG SLEEVE

- **Long sleeve version with conductive cuffs**
- UNISEX sizes
- 1/2 design, long sleeves
- Static dissipative fabric
  (**Blue/black:** 47% Polyester, 50% Cotton, 3% Carbon coated yarn)
- With conductive cuffs
- Lightweight, breathable and comfortable fit
- Machine washable up to 40°C
- Weight 210 g/m²
- Breast pocket with ESD symbol

IEC EN

Part no.	Colour	Size
2647.P.*	Blue	*XS – 5 XL
2649.P.*	Black	*XS – 4 XL



Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	E [cm]	L [cm]
XS	40	50	65	20	45	75
S	43	53	66	21	48	75
M	46	55	67	21	51	76
L	48	59	68	22	55	76
XL	50	63	68	23	59	78
2XL	52	67	69	24	63	78
3XL	54	71	70	26	67	81
4XL	56	75	70	28	71	82
5XL	58	79	71	30	75	83

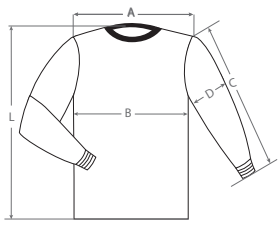
T-SHIRTS LONG SLEEVE

- **Long sleeve version with conductive cuffs**
- UNISEX sizes
- Static dissipative fabric for use in ESD protected areas
  (**Blue/black:** 97% Cotton, 3% Carbon coated yarn)
  (**Grey:** 88% Cotton, 9% Polyester, 3% Carbon coated yarn)
- With conductive cuffs
- Lightweight, breathable and comfortable fit
- Machine washable up to 40°C
- Weight 150 g/m²
- Sleeve with ESD symbol

IEC EN

Part no.	Colour
2645.T.*	Grey
2647.T.*	Blue
2649.T.*	Black

*XS, S, M, L, XL, 2XL, 3XL



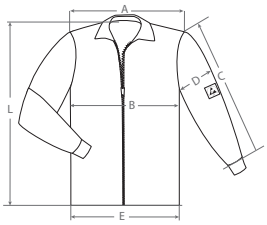
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	L [cm]
XS	41	51	65	21	66
S	43	53	66	21	66
M	46	55	67	22	68
L	48	58	68	23	70
XL	50	62	68	25	71
2XL	52	66	69	26	72
3XL	54	70	70	28	73

SWEAT-JACKET

- UNISEX sizes
- 1/2 design, long sleeves
- Static dissipative fabric made of a mixture of 43% Polyester, 50% Cotton and 7% Carbon coated yarn
- With conductive cuffs
- Lightweight, breathable and comfortable fit
- Machine washable up to 40 °C
- Weight 270 g/m²
- ESD symbol on one sleeve

IEC EN

Part no.	Colour
2671.SJ.B.*	Blue
	*XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL



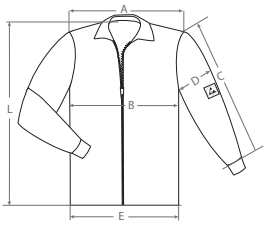
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	E [cm]	L [cm]
XS	48	54	56	24	40	69
S	50	56	59	24	42	70
M	51	58	59	26	44	71
L	52	60	60	26	46	72
XL	53	62	60	27	48	75
2XL	54	64	61	27	50	76
3XL	55	66	61	28	52	77
4XL	56	68	62	28	54	78
5XL	57	70	62	29	56	79

SWEAT-JACKET

- UNISEX sizes
- 1/2 design, long sleeves
- With zip through the collar
- Static dissipative fabric made of a mixture of 43% Polyester, 50% Cotton and 7% Carbon coated yarn
- With conductive cuffs
- Lightweight, breathable and comfortable fit
- Machine washable up to 40 °C
- Weight 290 g/m²
- ESD symbol on one sleeve

IEC EN

Part no.	Colour
2670.SJ.BL.*	Black
	*XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL



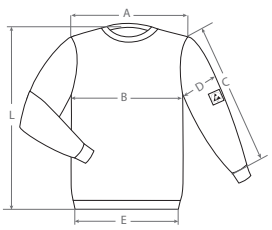
Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	E [cm]	L [cm]
XS	48	54	56	24	40	69
S	50	56	59	24	42	70
M	51	58	59	26	44	71
L	52	60	60	26	46	72
XL	53	62	60	27	48	75
2XL	54	64	61	27	50	76
3XL	55	66	61	28	52	77
4XL	56	68	62	28	54	78
5XL	57	70	62	29	56	79

SWEATSHIRT

- UNISEX sizes
- 1/2 design, long sleeves
- Static dissipative fabric made of a mixture of 43% Polyester, 50% Cotton and 7% Carbon coated yarn
- With conductive cuffs
- Lightweight, breathable and comfortable fit
- Machine washable up to 40 °C
- Weight 270 g/m²
- ESD symbol on one sleeve

IEC EN

Part no.	Colour
2671.SS.B.*	Blue
	*S, M, L, XL, 2XL, 3XL



Größe / Size	A [cm]	B [cm]	C [cm]	D [cm]	E [cm]	L [cm]
XS	48	52	56	24	40	69
S	48	54	59	25	42	70
M	49	56	59	26	44	71
L	50	58	60	26	46	72
XL	51	60	60	27	48	73
2XL	52	62	61	27	50	74
3XL	53	64	61	28	52	75

VEST REFLECTIVE ESD VERSION

- One size XL
- Static dissipative vest for use in ESD protected areas
- Lightweight, breathable and comfortable fit
- Closable with a velcro fastener
- Two „all around“ reflector strips
- Material: 98 % polyester and 2 % carbon coated yarn
- Weight: 120 g/m²
- EPA-sign at the left breast side

IEC EN

Part no.	Colour
2682.SW	Signal yellow
	one size fits all - XL

BADGE HOLDERS

- Clip holder
- Credit card size
- Dissipative PCV made of IDP-STAT®
- Marked with ESD symbol

Part no.	Colour	Qty.
5221.3.IDP	Transparent	10 pcs

BADGE HOLDERS

- Clip holder
- Credit card size
- Permanent conductive, carbon loaded material
- Horizontal and vertical use

Part no.	Colour
5221.2	Black

GLOVE-PROBE

Application example:
Resistance to ground measurement of gloves and finger cots.

7100.EFM51.CPS

Application example:
Decay time measurement of gloves and finger cots.

For resistance to ground measurement of gloves and fingercots.

- Dimensions: 130 x 80 x 40 mm (H x B x T)
- Weight: 460 g

Part no.	
7220.15	Glove-probe
7100.EFM51.CPS	Electrostatic Field Meter EFM®51 with Charged Plate Set

ESD GLOVES

- Non-allergenic polyester fabric
- Static dissipative

Part no.	Colour	Qty.
8745.P3.*	White	10 pairs
		* S, M, L, XL

ESD GLOVES

- Non-allergenic polyester fabric
- Static dissipative
- Palm with anti-slip PVC nubs
- Size, colour coded cuffs

Part no.	Colour	Qty.
8745.PVCB6.*	White	10 pairs
		* S, M, L, XL

ESD GLOVES

- Non-allergenic polyester fabric
- Static dissipative
- Palm with anti-slip PVC nubs

Part no.	Colour	Qty.
8745.0401.*	White	10 pairs
		* XS, S, M, L, XL

ESD GLOVES

- Nylon-polyester material
- Static dissipative
- Size, colour coded cuffs

Part no.	Colour	Qty.
8745.CG.*	White	10 pairs
		* S, M, L

ESD GLOVES

- Nylon-polyester material
- Static dissipative
- Anti-slip coating on finger tips
- Size, colour coded cuffs

Part no.	Colour	Qty.
8745.APU.*	White	10 pairs
		* S, M, L, XL

ESD GLOVES

- Nylon-polyester material
- Static dissipative
- Size, colour coded cuffs

Part no.	Colour	Qty.
8745.AX.*	White	10 pairs
		* S, M, L, XL

ESD GLOVES

- Leather gloves with polyester back
- Static dissipative
- Palm: heavy-duty leather

Part no.	Colour	Qty.
8745.PS500.*	White	1 pair
		* S, M, L, XL, 2XL

ESD GLOVES

- Nylon-polyester material
- Static dissipative
- Palm with anti-slip coating
- Size, colour coded cuffs

Part no.	Colour	Qty.
8745.APU.K	White	10 pairs
		* S, M, L, XL

ESD GLOVES

- Nylon-polyester material
- Static dissipative
- Palm with anti-slip coating and cut protection
- Size, colour coded cuffs
- Cut protection level 2 according to EN 388
- Cut resistance according to:
  EN 388:2016 – Level 2
  EN ISO 13997 – Level B

Part no.	Colour	Qty.
8745.APU.CR*	Grey	1 pair
		* S, M, L, XL, 2XL

ESD FINGER COATS

- Latex dissipative finger coats
- Compatible for cleanroom class M 1.000
- Colour: black
- Powder free

Part no.	Colour	Qty.
8750.B.*	Black	1.440 pcs
		* S, M, L, XL

REUSABLE CAP

- Dissipative reusable cap
- Made of static dissipative polyester fabric

Part no.	Colour	Qty.
8761.H.B	White	10 pcs

DISPOSABLE CAP

- Disposable Cap
- Material: Non-woven, dissipative
- Breathable

Part no.	Colour	Qty.
8760.DC	White	100 pcs

ESD FACE MASK AM110 FABRIC

NEW

- Made of cotton/polyester fabric AM110
- With round ear straps

No medical respirator mask, no FFP standard, no certfication, is no protective equipment

IEC EN

Part no.	Colour	Qty.
2675.AM110.FM	white	1 pcs

ESD FACE MASK CLEANROOM FABRIC

NEW

- Outer layer made of cleanroom compatible fabric
- Inner layer with antibacterial fabric
- With round ear straps

No medical respirator mask, no FFP standard, no certfication, is no protective equipment

IEC EN

Part no.	Colour	Qty.
8745.FM	beige	1 pcs

ESD FACE PROTECTION WITH HEADBAND

NEW

This face protection will be fixed on the head with a headband with hook-and-loop fastener

- made with a hard PVC foil, thickness 0,30 mm
- laminated with a dissipative polyester film, thickness 0,10 mm
- Dimension: about 500 mm in width x 270 mm in length
- fits head range 520-650 mm
- with ESD-Logo

IEC EN

Part no.	Colour	Qty.
5710.GS.500	clear, transparent	1 pcs

ESD FACE PROTECTION FOR GLASSES

NEW

This face protection can be fixed on your existing glasses

- made with a hard PVC foil, thickness 0,30 mm
- laminated with a dissipative polyester film, thickness 0,10 mm
- Dimension: about 390 mm in width x 160 mm in length
- with ESD-Logo

IEC EN

Part no.	Colour	Qty.
5710.GV.390	clear, transparent	1 pcs

ESD-BAG

NEW

ESD bag made of dissipative AM110 fabric

- dimension: 360 x 400 mm
- with ESD symbol on both sides
- Colour: white

Part no.	Sizes (L x B)
2675.T.W	360 x 400 mm

ESD UTILITY BAG

- Dissipative bag with 2 handles
- Electrostatic dissipative polyester fabric
- Zipper

Part no.	Sizes (L x B x H)
8781.T.H	220 x 100 x 100 mm

REUSABLE OVERSHOE

- Dissipative reusable overshoe for normal street shoes
- Made of static dissipative polyester fabric
- Colour: white
- Disposable carbon coated connection strap
- Outsole: **non-slip** dissipative rubber material

IEC EN

Part no.	Qty.
8781.P.CR.*	1 pair incl. strap
8781.P.40 (strap)	100 pcs
	*S (35–39), L (40–43), XL (44–48)

REUSABLE OVERSHOE

- Dissipative reusable overshoe
- Made of static dissipative polyester fabric, colour white
- Disposable carbon coated connecting strap
- Outsole: dissipative rubber material

IEC EN

Part no.	Qty.
8781.P.B.*	5 pairs incl. strap
8781.P.40 (strap)	100 pcs
	*S (35–39), L (40–43), XL (44–48)

REUSABLE OVERSHOE

- Dissipative disposable overshoe
- Made of non-woven material
- Includes conductive, carbon coated connecting strap
- Colour: blue

IEC EN

Part no.	Sizes	Qty.
8782.D.O	35–44	100 pcs
8782.D.O.XL	45–50	100 pcs

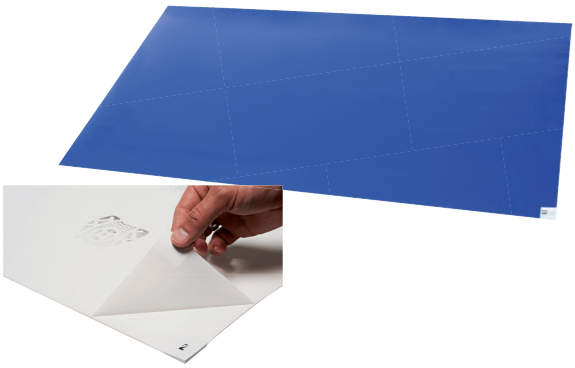
DIRT TRAP MAT

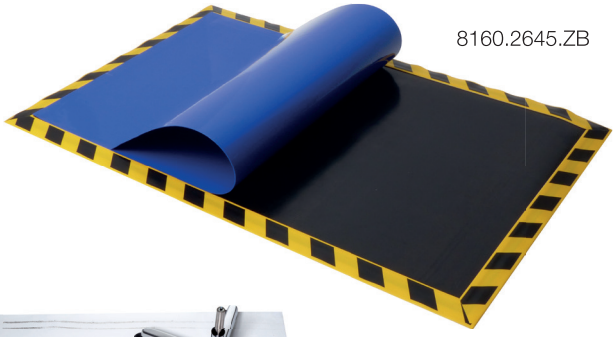
NEW

This „anti slip“ dirt trap mat in the size 660 x 1140 mm can be used as a single item or can be used together with the non-slip base 8160.2645.ZB

Part no.	Dimension
8160.2645.SM	660 x 1140 mm

TACKY MATS





8160.2645.ZB

application example

sample applications

- Tacky mats for clean rooms
- 30 Polyurethane layers per mat
- Pressure sensitive tacky surface
- Removes dirt and particles from footwear and castors

Part no.	Colour	Dimension	Qty.
8160.2645.B	blue	660 x 1140 mm	4 mats
8160.2645.W	white	660 x 1140 mm	4 mats
8160.2645.ZB	Non-slip base for tacky mats		

NOTES

Wolfgang Warmbier®
Systeme gegen Elektrostatik

MAIN CATALOGUE
WEBSHOP

link to ePaper

You can find the entire range of ESD products in our main catalogue or in our webshop.

www.warmbier.com

Website

Wolfgang Warmbier®
Static control materials and systems

Contact

Wolfgang Warmbier GmbH & Co. KG Systeme gegen Elektrostatik
Untere Gießwiesen 21 Postfach 13 28 Phone: +49 77 31 / 86 88-0
D-78247 Hilzingen **D-78212 Singen** Fax: +49 77 31 / 86 88-30
www.warmbier.com · E-Mail: info@warmbier.com

Version 01/2021