



ROKWEAR®

WE PROTECT

PRODUCT DATASHEET

SAFETY FOOTWEAR: S7 BOOTS

GRAPHITE - WATERPROOF S7S BOOT

PRODUCT CODE: OFW.1390

PRODUCT DESCRIPTION

Designed for high-performance comfort, the Graphite combines waterproof protection, breathable performance, and outstanding flexibility in a lightweight build.



MADE IN
ITALY

FUNDAMENTALS



MIDSOLE
COMPOSITE (Kevlar) -
PRIMATEX



TOECAP
COMPOSITE (Art. PS
114X)



SOLE
X3 PU/PU - Polyurethane double density

CONFORMS TO



EN ISO 20345:2022+A1
Issue Date: 30 May 2022

2024 clause 5.3.5 for slip resistance / Ceramic tile floor with NaLs (-) / Ceramic tile floor with glycerine (SR)

SR
RATED

COMPONENTS

UPPER:

PU TEK Mini - Hexagon 1PUFE350 WR

UPPER LINING:

Microfiber suede 18/10 Hydro

LOWER LINING:

Dainetta + Mtp 3 + Membrane

REMOVABLE INSOCK:

Anatomical Insole Art. 23-1805.6 06/27/2023, RP Reference, GEL

PENETRATION-RESISTANT INSERT:

Kevlar Advance - Conductive Raw PS supplier: PRIMATEX EN ISO compliant

SIZE

Available in sizes:
3-13 (36-48)

WEIGHT

0.7kg (average)

PRODUCT BENEFITS



Waterproof



Thermoregulated



Cleated grip



Lightweight



Anti-static



Metal free



Vegan friendly



Breathable

SIZE GUIDE

EURO:	34	35	36	37	38	39	41	42	43	44	46	47	48	49	50
UK:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



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EXPLANATION OF MARKING CODES USED TO DEFINE LEVEL OF PROTECTION PROVIDED

EN ISO 20345:2022+A1:2024 – SB Toe protection tested with 200J impact and 15kN compression force

HRO	Heat resistant outsole compound tested at 300C
P	Penetration resistant outsole tested at 1100N
A	Electrical resistance between foot and ground of between 0.1 and 1000 Mega Ohms
C	Electrical resistance between foot and ground of less than 0.1 Mega Ohms
CI	Insulation against cold
HI	Insulation against heat
E	Energy absorption of the seat region tested at 20 joules
I	Insulating footwear
WR	Water resistant footwear
M	Metatarsal protection 100J impact energy
FO	Resistance to fuel oil
SC	Scuff cap with abrasion resistance
WPA	Water penetration and absorption
PL	Penetration-resistant midsole (non-metal insert 4.5mm test nail)
PS	Penetration-resistant midsole (non-metal insert 3.0mm test nail)

SR	Slip resistance on ceramic tile floors with glycerol
AN	Ankle protection
CR	Cut resistance of the upper part of the shoe
LG	Outsoles provide hold on ladders

S RATINGS (EN ISO 20345:2022+A1:2024)

In addition, there are the following short codes for commonly used combinations of optional categories of protection:

- SB:** Basic safety footwear with toe protection (200 J impact resistance)
S1: SB + Closed heel area + Antistatic (A) + Energy absorption in the heel (E) + Fuel oil resistant outsole
S1P: S1 + Penetration-resistant midsole (P) (**S1PL/S1PS** = non-metal (4.5mm test nail)/(3.0mm test nail))
S2: S1 + Water penetration and absorption resistance in the upper (WPA)
S3: S2 + Penetration-resistant midsole (P) (**S3L/S3S** = non-metal (4.5mm test nail)/(3.0mm test nail))) + cleated outsole
S4: Waterproof polymer or rubber boots with S1 features (closed heel, antistatic, energy absorption)
S5: S4 + Penetration-resistant midsole (P) (**S5L/S5S** = non-metal (4.5mm test nail)/(3.0mm test nail))) + cleated outsole
S6: S2 + Whole shoe waterproof (WR)
S7: (**S7L/S7S** = non-metal (4.5mm test nail)/(3.0mm test nail))) S3 + Whole shoe waterproof (WR)

CERTIFICATION BODY

This safety footwear meets the requirements of the safety footwear standard EN ISO 20345:2022+A1 2024 and complies with the European regulation PPE 2016/425 and is certified and assessed by:

A.N.C.I. SERVIZI SRL, operational headquarters CIMAC, via Aguzzafame 60/B, 27029 Vigevano (PV), Italy No0465

Country of origin: Italy | Commodity code: 6402919000



PRODUCT TECHNOLOGY

DRY-PROOF® is a waterproof and breathable membrane, which guarantees the complete waterproofing and it assures the maximum inside comfort thanks to a correct perspiration.

PU TEK® HYPERTEX: is an ultra-durable fabric engineered for extreme performance in safety footwear. It offers unparalleled abrasion resistance—exceeding 1 million cycles in lab tests—making it over 8 times more resistant than traditional high-strength fabrics like Cordura® 1000. Lightweight, waterproof, breathable, and flexible, PUTEK® HYPERTEX sets a new benchmark for protection and comfort in demanding work environments.



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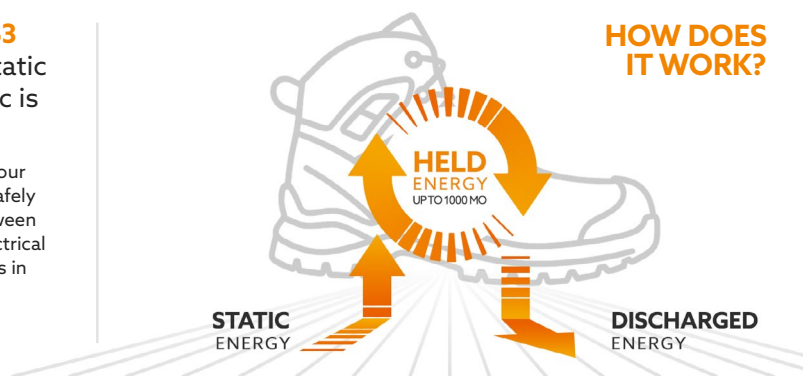
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ANTISTATIC FOOTWEAR

Antistatic footwear should be worn in environments where it's important to reduce the build-up of static electricity—particularly where sparks could ignite flammable materials or vapours. However, it's important to note that antistatic shoes are not designed to protect against electric shock; they only provide limited electrical resistance between the wearer and the ground.

Safety footwear classified as **S1**, **S1P (L,S)**, **S2**, **S3 (L,S)**, **S4**, **S5 (L,S)**, **S6** and **S7 (L,S)** include antistatic properties (A) as a mandatory feature. Antistatic is not a required feature for **SB** safety boots.

This means it helps prevent static electricity from accumulating in your body. Once a certain level of static charge is reached, these shoes safely discharge it into the ground. Antistatic shoes have a resistance between **0.1 and 1000 MegaOhms**, which allows them to safely dissipate electrical energy and reduce the risk of accidental sparks that could ignite fires in hazardous environments with flammable gases, fuels, or solvents.



However, the effectiveness of antistatic footwear can change due to wear and tear, contamination, or moisture. If the footwear becomes wet, especially after long use, it may no longer function properly and could even become conductive. Therefore, it's essential to regularly test the electrical resistance of the footwear, ideally through an in-house testing procedure, to ensure continued protection throughout its life.

WE PROTECT

OFW.1091 OFW.1092 OFW.1163 OFW.1049 OFW.1088 OFW.1089 OFW.1146

SEE THE FULL ROKWEAR SAFETY FOOTWEAR RANGE

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BREAKING IN YOUR SAFETY FOOTWEAR

Breaking in new safety boots can be a crucial step in ensuring they fit comfortably and provide adequate protection. Here are some tips to make the process smoother.



Wear them around the house



Gradually increase wear time



Flex & stretch to soften material



Find comfort solutions to problem areas



Don't rush the process

ALLOW A 2 WEEK BREAKING IN PERIOD



REPAIR

If the footwear becomes damaged, it will NOT provide optimum level protection, and therefore should be replaced as soon as possible. Never knowingly wear damaged footwear while carrying risk related activity. If in doubt about the level of damage consult your supplier before using the footwear.



CLEANING

Clean your footwear regularly using high quality cleaning treatments recommended as suitable for the purpose NEVER use caustic or corrosive cleaning agents.



FITTING & SIZING

To put on and take off products, always fully undo the fastening systems. Only wear footwear of a suitable size. Products which are either too loose or too tight will restrict movement and will not provide the optimum level of protection. The sizes of these products are marked on them.



STORAGE AND TRANSPORT

When not in use, store the footwear in a well-ventilated area away from extremes of temperature. Never store the footwear underneath heavy items or in contact with sharp objects. If the footwear is wet, allow it to dry slowly and naturally away from direct heat sources before placing it into storage. Use suitable protective packaging to transport the footwear, e.g. the original container.



COMPATIBILITY

To optimise protection, in some instances it may be necessary to use this footwear with additional PPE such as protective trousers or over gaiters. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application.



WARNING

The footwear must not be worn without hose.



INSOLES

The footwear is supplied with a removable insole which was in place during testing. The insole should remain in place whilst the footwear is in use. It should only be replaced by a comparable insole supplied by the original manufacturer.



WEAR LIFE

The exact life of the product will greatly depend on how and where it is worn and cared for. It is therefore very important that you carefully examine the footwear before use and replace as soon as it appears to be unfit for wear. Careful attention should be paid to the condition of the upper stitching, wear in the outsole tread pattern and the condition of the upper/outsole bond.



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WASH CARE

Plant-Based Waterproofing Sprays

Made from natural waxes or plant oils (like beeswax alternatives or soybean oil) to create water-repellent surfaces without harmful fluorochemicals (PFAS). Natural Deodorizing Sprays

Using ingredients like tea tree oil, baking soda, or activated charcoal to neutralize odors naturally without synthetic fragrances or harsh chemicals. Biodegradable Cleaning Foams

Gentle, phosphate-free foams derived from coconut or corn-based surfactants that clean shoes without polluting waterways. Non-Toxic Leather Conditioners

Made with plant oils (e.g., jojoba, almond) and natural beeswax substitutes to nourish and protect leather while avoiding petrochemical ingredients. Water-Based Stain Repellents

Using waterborne polymers instead of solvent-based chemicals to create protective barriers that are safer for people and the planet.

RECYCLING SCHEME

What Happens to Safety Footwear?

We sort safety footwear based on condition: good quality, paired, and serviceable footwear is donated for reuse in Africa through charitable partners such as OXFAM and Cycle4Life, extending the life of the products and supporting communities in need. Worn-out or unsuitable footwear is shredded and processed into Solid Recovered Fuel (SRF), which is then used in energy from waste facilities. An energy recovery method that diverts waste from landfill and supports renewable energy generation.



OUR PARTNER'S COMMITMENTS



The facility demonstrates strong environmental stewardship with a total energy consumption of 1,424,654 kWh, supported in part by a 30 kWh photovoltaic solar system. Notably, no water is used in the footwear production process, reflecting a significant commitment to water conservation.



Environmentally preferred materials and methods are prioritised, including the use of water-based release agents, which have a lower environmental impact compared to solvent-based alternatives.



While no formal carbon footprint reduction targets are currently in place, efforts are ongoing to minimise environmental impact through cleaner energy use and sustainable production practices. The facility has set clear objectives to reduce plastic consumption in packaging, with all relevant packaging materials being FSC-certified, ensuring responsible sourcing and sustainability.



On the social front, the factory actively supports community development through:

- Sponsorship of youth sporting events
- Blood donation campaigns
- Providing educational and school materials to customers and communities in parts of Africa



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