

 **PROTEKTOR**

WE ARE INSPIRED
BY **PEOPLE** AND
THEIR **SAFETY**





SHOCK ABSORBER

Shock absorption, reduces the occurrence of micro-damage. SHOCK ABSORBER is a technology used in the construction of specialised footwear soles, which is designed to relieve as much pressure as possible on the joints during movement. The system is located in the sole in the form of contrasting inserts. SHOCK ABSORBER disperses huge amounts of kinetic energy, which affects the body with every step. In addition to significantly increasing the ergonomic value of the footwear, SHOCK ABSORBER technology helps prevent postural defects and injuries.

PROTENDON

The special construction of the upper is the application of PRO-TENDON technology, aimed at strengthening the protection of the Achilles tendon, which significantly improves the resistance to mechanical injury. In addition, this construction stabilises the ankle joint, which reduces the possibility of its twisting.

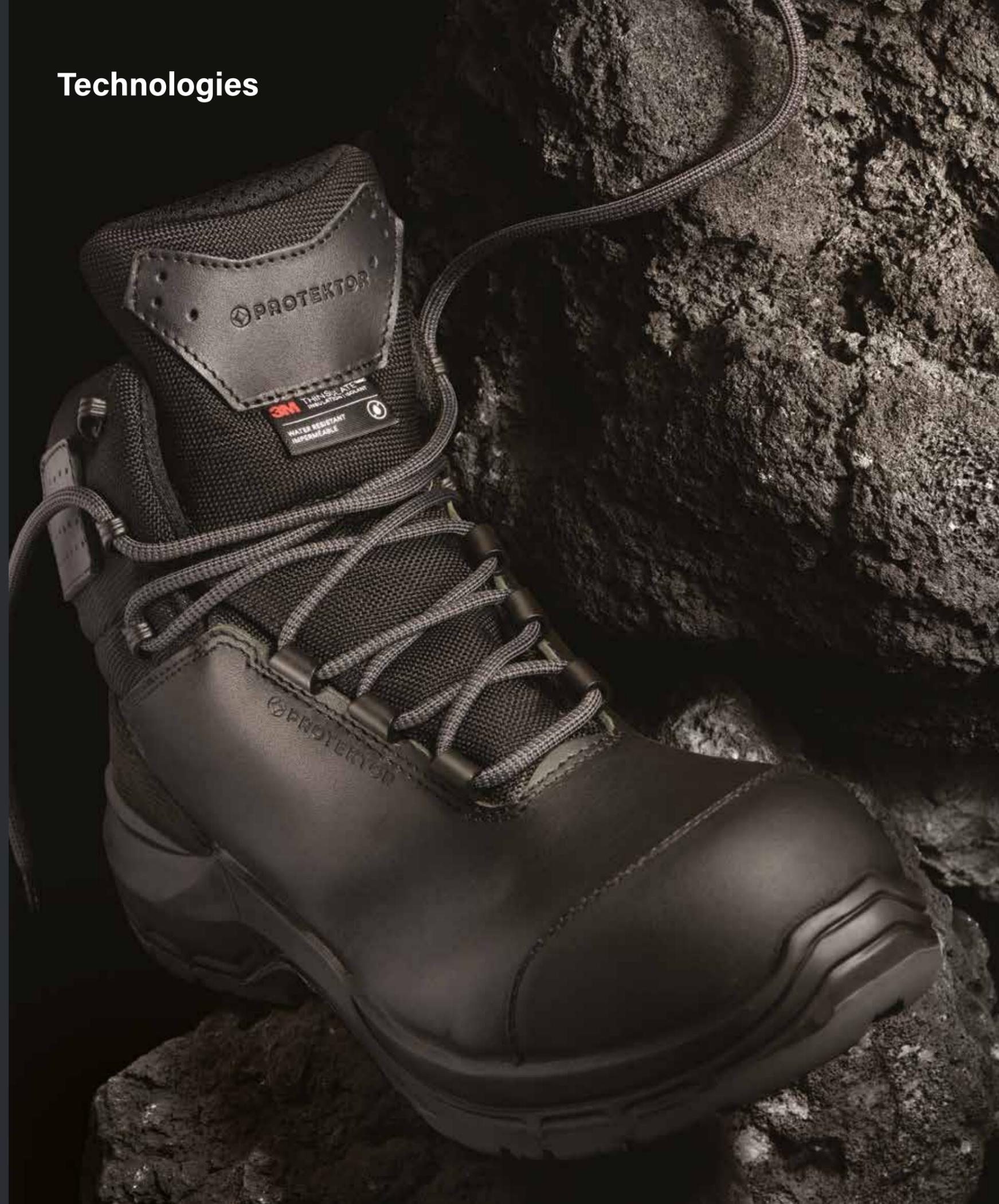
ANA-TECH

ANA-TECH is a technology whose secret is the carefully designed shape of the sole. The widened heel area helps to minimise the risk of ankle sprains, thanks to a larger surface area adjacent to the floor than in standard footwear.

PRT FLEX

PRT FLEX - technology ensuring comfort of use. High flexibility of the shoe is achieved by elevating the nose pad and the back of the tread, which allows the sole to adapt to the anatomical movements of the foot when walking, bending, kneeling and working in various positions of the body. With PRT FLEX, it becomes much easier to move over a diverse surface due to the flexibility of the sole and its ability to adapt to the natural changes in the position of the foot in the shoe.

Technologies



SELF CLEAN

The SELF CLEAN technology used in the design of the sole is a system of channels in the tread that automatically drain water on a regular basis. This allows you to maintain proper grip and stability even on wet surfaces. SELF CLEAN provides extra support even when moving intensively between wet and dry ground.

UV PROTECTION

UV PROTECTION is a technology applied to the entire length of the shoe, protecting against the effects of UV rays on the materials from which it is made. This extends the durability and lifetime of footwear and makes it easier to keep the leather in good condition. The technology also helps to maintain the optimum temperature inside the footwear on sunny days.

C°LD PROTECTION

The COLD PROTECTION technology provides insulation for the user's foot at very low temperatures. It guarantees thermal comfort when working in cold stores, freezers and in winter weather conditions.

The unique, durable and developed COLD PROTECTION system is a construction/technology/material composition created in cooperation with our technology partners. In terms of materials, COLD PROTECTION consists of thermal insulating elements in the upper (using the technological material Thinsulate) and a special blend of materials in the sole.

The Thinsulate material used is a unique microfibre technology that ensures the highest thermal parameters with the lowest weight and thickness. The material is waterproof and breathable at the same time. It is durable and hypoallergenic.

Features



-  QUICK DONNING SYSTEM
-  DECLARATION OF CONFORMITY
-  REFLECTIVE ELEMENTS
-  BELLOWS TONGUE

-  NON-FLAMMABLE SOLE
-  HEAT RESISTANT SOLE
-  MEMBRANE LINING
-  INCREASED SLIP RESISTANCE

-  INSULATED
-  LADDER SOLE
-  PROTECTION AGAINST ELECTROSTATIC DISCHARGE
-  DGVU 112-191 ORTHOPEDIC INSOLES USED
-  HACCP - COMPLIANT FOOTWEAR
-  NO LINING
-  INTEGRATED INSOLE
-  MASSAGING INSOLE
-  QUICK SHOE REMOVAL SYSTEM
-  METAL FREE FOOTWEAR WITHOUT METAL ELEMENTS
-  RESISTANCE AGAINST ACIDS
-  RESISTANCE AGAINST BASES
-  WASHABLE 30°
-  WASHABLE 60°
-  HI - ISOLATION OF THE BOTTOM FROM THE HEAT
-  INCREASED BREATHABILITY
-  INCREASED WATER RESISTANCE
-  INCREASED DURABILITY OF THE UPPER
-  HEAT-RESISTANT LEATHER
-  ATEX - FOOTWEAR INTENDED FOR USE IN POTENTIALLY EXPLOSIVE AREAS
-  SPECIALISED FIREFIGHTERS FOOTWEAR INCREASED SLIP
-  RESISTANCE TO BRIEF CONTACT WITH HOT SUBSTANCES UP TO 180°C
-  CI - ISOLATION OF THE BOTTOM FROM THE COLD
-  HI3 - ISOLATION FROM HEAT, THE THIRD LEVEL OF THERMAL RESISTANCE
-  A - ANTISTATIC FOOTWEAR
-  POSSIBILITY OF DESINFECTION
-  AUTOCLAVABLE AT TEMPERATURES UP TO 134°
-  AN - ANKLE PROTECTION
-  REPLACEABLE INSOLE
-  ANTIBACTERIAL INSOLE
-  ANTIBACTERIAL LINING
-  ALUMINIUM TOE CAP
-  STEEL TOE CAP
-  COMPOSITE TOE CAP
-  TOE CAP PROTECTION
-  EASY-CLEAN UPPER
-  RESISTANCE OF THE BOTTOM TO CONTACT WITH THE HOT SURFACE
-  P - PUNCTURE RESISTANCE WITH A FORCE OF 1100 N
-  E - ENERGY ABSORPTION IN THE HEEL AREA
-  FO - THE SOLE RESISTANT TO DIESEL FUEL
-  WRU - WATER PERMEABILITY AND WATER ABSORPTION OF THE FACE MATERIAL
-  WR - WATER RESISTANCE OF FOOTWEAR

Certificates and symbols



SAFETY (S) FOOTWEAR is used in workplaces where there is a risk of mechanical injury. It is equipped with toe caps that protect the toes from injury. Their durability is tested by an impact with energy of 200 J and a compression of at least 15kN. Safety footwear is classified as personal protective equipment and meets the requirements of the standard EN ISO 20345:2011.

Categories of occupational footwear (S)	Requirements						
	SB	S1	S2	S3	S4	S5	S1P
Toe cap - toe protection against impact with energy of 200 J and a compression of at least 15 kN	✓	✓	✓	✓	✓	✓	✓
Puncture resistance (P)				✓		✓	✓
Closed heel area		✓	✓	✓	✓	✓	✓
Slip resistance (SRA or SRB or SRC)	✓	✓	✓	✓	✓	✓	✓
Antistatic properties (A)		✓	✓	✓	✓	✓	✓
Energy absorption in the heel area (E)		✓	✓	✓	✓	✓	✓
Water penetration resistance (WRU)			✓	✓			
Water resistance (WR)					✓	✓	
Resistance to contact with oil (FO)		✓	✓	✓	✓	✓	✓
Carved sole				✓		✓	

OCCUPATIONAL (O) FOOTWEAR - footwear with protective properties designed to protect the wearer from injuries that may result from accidents. Occupational footwear is classified as personal protective equipment and meets the requirements of EN ISO 20347:2012.

Categories of occupational footwear (O)	Requirements					
	OB	O1	O2	O3	O4	O5
Puncture resistance (P)				✓		✓
Closed heel area		✓	✓	✓	✓	✓
Resistance to contact with oil						
Antistatic properties (A)		✓	✓	✓	✓	✓
Energy absorption in the heel area (E)		✓	✓	✓	✓	✓
Water penetration resistance (WRU)			✓	✓		
Water resistance (WR)					✓	✓
Slip resistance (SRA or SRB or SRC)	✓	✓	✓	✓	✓	✓
Carved sole				✓		✓

CONSTRUCT Series



5005850



5005851



5025850



5025851



5010850



5010851



5010940 HRO



5010906 - COLD PROTECTION technology



5010956 HRO



5010864 - COLD PROTECTION technology

CONSTRUCT



PT PRO-Tendon Technology

bellows tongue

increased water resistance

METAL FREE metal free

1,8-2,0 mm thickness of the upper leather

COMP composite toe cap

Sole PU / RUBBER



SELF CLEAN Technology
(self clean sole)

PRT FLEX Technology

SHOCK ABSORBER Technology
energy absorption in the heel area according to the standard minimum 20J, our result 30.6J

STABLE HOLD ON LADDERS

ANA - TECH Technology
(widened heel area) in size 42 the heel area is 92 mm wide

- resistance to acids
- resistance to short-term contact with hot ground at a temperature of 180°C
- increased abrasion resistance required by the standard: less than or equal to 150 mm³ - our result 70 mm³

LINE article number	CONSTRUCT 5005850	CONSTRUCT 5005851	CONSTRUCT 5010850	CONSTRUCT 5010851	CONSTRUCT 5025850	CONSTRUCT 5025851	CONSTRUCT 5010940	CONSTRUCT 5010906	CONSTRUCT 5010956	CONSTRUCT 5010864
footwear type color assembly system / type of sole upper material sizes weight of a half pair	shoes beige pu/rubber injection nubuck 38 - 48 0,64 kg (r.42)	boots beige pu/rubber injection nubuck 38 - 48 0,70 kg (r.42)	shoes black pu/rubber injection grain leather 35 - 51 0,67 kg (r.42)	boots black pu/rubber injection grain leather 35 - 51 0,72 kg (r.42)	shoes gray pu/rubber injection nubuck 38 - 48 0,64 kg (r.42)	boots gray pu/rubber injection nubuck 36 - 48 0,70 kg (r.42)	boots black pu/rubber injection grain leather 36 - 50 0,75 kg (r.42)	boots black pu/rubber injection grain leather 36 - 50 0,85 kg (r.42)	boots black pu/rubber injection grain leather / fabric 35 - 51 0,73 kg (r.42)	boots black pu/rubber injection grain leather / fabric 36 - 50 0,73 kg (r.42)
PROTECTION CATEGORY	S3	S3	S3	S3	S3	S3	S3	S3	S3	S3
PROPERTIES	HI3									
	P	•	•	•	•	•	•	•	•	•
	SRC	•	•	•	•	•	•	•	•	•
	SRB									
	SRA									
	ESD								•	•
	A	•	•	•	•	•	•	•	•	•
	E	•	•	•	•	•	•	•	•	•
	FO	•	•	•	•	•	•	•	•	•
	HI									
	CI	•	•	•	•	•	•	•	•	•
	HRO									
	WR			•	•					
WRU	•	•	•	•	•	•	•	•	•	
INCREASED	SLIP RESISTANCE									
	BREATHABILITY	•	•	•	•	•	•		•	•
	WATER RESISTANCE	•	•	•	•	•	•		•	•
	DURABILITY OF THE UPPER			•	•				•	•
TOE CAP	COMPOSITE	•	•	•	•	•	•	•	•	•
	STEEL									
	ALUMINIUM									
ADDITIONAL FEATURES	HEAT-RESISTANT SOLE							•	•	•
	NON-FLAMMABLE SOLE									
	METAL FREE	•	•	•	•	•	•	•	•	•
	EASY-CLEAN UPPER									
	ANTIBACTERIAL LINING									
	MEMBRANE LINING							•	•	•
	TOE CAP PROTECTION	•	•	•	•	•	•	•	•	•
	HEAT RESISTANT LEATHER									
	REFLECTIVE ELEMENTS							•	•	
	BELLOWS TONGUE	•	•	•	•	•	•	•	•	•
	QUICK DONNING SYSTEM									
	QUICK SHOE REMOVAL SYSTEM									
	LADDER SOLE	•	•	•	•	•	•	•	•	•
NO LINING										
ANKLE PROTECTION										
INSULATED								•		
INSOLE	ANTIBACTERIAL									
	ORTHOPEDIC									
	REPLACEABLE	•	•	•	•	•	•	•	•	•
	INTEGRATED									
OTHER	MASSAGE									
	AUTOCLAVABLE									
	DISINFECTION	•	•	•	•	•	•	•	•	•
	WASHABLE 30°C									
	WASHABLE 60°C									
TECHNOLOGIES	HACCP									
	ATEX									
	PRT FLEX	•	•	•	•	•	•	•	•	•
	SHOCK ABSORBER	•	•	•	•	•	•	•	•	•
	ANA-TECH	•	•	•	•	•	•	•	•	•
	SELF CLEAN	•	•	•	•	•	•	•	•	•
	PRO-TENDON		•		•		•		•	•
	UV PROTECTION								•	
COLD PROTECTION									•	



Advantages - Construct

Increased breathability



Lining

- increased water vapor permeability in the requirements of min 0.8 mg / (cm²*h) - **our result is 42.9 mg / (cm²*h)**
- the water vapor coefficient is required at least 15 mg/cm² - **our result is 343,3 mg/cm²**

Collar and tongue material

- increased water vapor permeability in the requirements of min 0.8 mg / (cm²*h) - **our result is 58,2mg/ (cm²*h)**
- the water vapor coefficient is minimum 15 mg/cm² - **our result is 466 mg/cm² Nubuk**
- increased water vapor permeability in the requirements of min 0,8mg/ (cm²*h) - **our result is 10,3mg/ (cm²*h)**

Increased water resistance



Nubuk

- water permeability after 60 minutes under dynamic conditions in requirements not more than 0,2g - **our result is 0,02g**
- water absorption after 60 minutes under dynamic conditions in requirements not more than 30% - **our result is 5,3%**

Grain leather

- excellent tensile strength parameters, a minimum of 15 N/mm² is required and **our result is 29.1 N/mm²**

CRAFT Series



5010853



5010852



5010854 Thinsulate

CRAFT



METAL FREE metal free

easy-clean upper

increased breathability

1,8-2,0 mm thickness of the upper leather

increased durability of the upper

DGUV 112-191 orthopedic insoles possible

Sole PU / PU



PRT FLEX Technology

SHOCK ABSORBER Technology
energy absorption in the heel area according to the standard minimum 20J, our result 27.2J

STABLE HOLD ON LADDERS

ANA - TECH Technology
(widened heel area) in size 42 the heel area is 95 mm wide

- resistance to acids and alkalis
- resistance to short-term contact with hot ground at a temperature of 180°C
- increased abrasion resistance required by the standard: less than or equal to 150 mm³ - our result 24 mm³

LINE article number	CRAFT 5010852	CRAFT 5010853	CRAFT 5010854
footwear type color assembly system / type of sole upper material sizes weight of a half pair	ankle boots black pu/pu injection grain leather 35 - 51 0,71 kg	přibuty black pu/pu injection grain leather 35 - 51 0,66 kg	ankle boots black pu/pu injection grain leather 35 - 51 0,69 kg
			
PROTECTION CATEGORY	S3	S3	S3
PROPERTIES			
HI3			
P	•	•	•
SRC	•	•	•
SRB			
SRA			
ESD	•	•	•
A	•	•	•
E	•	•	•
FO	•	•	•
HI			
CI	•	•	•
HRO			
WR	•	•	•
WRU	•	•	•
INCREASED			
SLIP RESISTANCE			
BREATHABILITY	•	•	•
WATER RESISTANCE			
DURABILITY OF THE UPPER	•	•	•
TOE CAP			
COMPOSITE	•	•	•
STEEL			
ALUMINIUM			
ADDITIONAL FEATURES			
HEAT-RESISTANT SOLE			
NON-FLAMABLE SOLE			
METAL FREE	•	•	•
EASY-CLEAN UPPER	•	•	•
ANTIBACTERIAL LINING			
MEMBRANE LINING			
TOE CAP PROTECTION	•	•	•
HEAT-RESISTANT LEATHER			
REFLECTIVE ELEMENTS			
BELLOWS TONGUE	•	•	•
QUICK DONNING SYSTEM			
QUICK SHOE REMOVAL			
LADDER SOLE	•	•	•
NO LINING			
ANKLE PROTECTION			
INSULATED			•
INSOLE			
ANTIBACTERIAL			
ORTHOPEDIC	•	•	•
REPLACEABLE	•	•	•
INTEGRATED			
MASSAGE			
OTHER			
AUTOCLAVABLE			
DISINFECTION	•	•	•
WASHABLE 30°C			
WASHABLE 60°C			
HACCP			
ATEX			
TECHNOLOGIES			
PRT FLEX	•	•	•
SHOCK ABSORBER	•	•	•
ANA-TECH	•	•	•
SELF CLEAN			
PRO-TENDON	•		•
UV PROTECTION			
COLD PROTECTION			•

Advantages - Craft

Increased breathability



Lining

- increased water vapor permeability in the requirements of min 0.8 mg / (cm²*h)
- **our result is 42.9 mg / (cm²*h)**
- the water vapor coefficient is required at least 15 mg/cm²
- **our result is 343,3 mg/cm²**

Collar and tongue material

- increased water vapor permeability in the requirements of min 0.8 mg / (cm²*h)
- **our result is 58,2mg / (cm²*h)**
- the water vapor coefficient is required at least 15 mg/cm²
- **our result is 466 mg/cm²**



COLD PROTECTION technology

The COLD PROTECTION technology ensures that the wearer's foot is insulated against very low temperatures.

COLD PROTECTION consists of heat-insulating elements in the upper (using the technological material Thinsulate) and a special mixture of materials in the sole.

The models with the COLD PROTECTION technology:
5010854 Thinsulate

ROAD Series



5005847



5005848



5005849



5015847



5015849



5015848

ROAD



DGUV 112-191 orthopedic insoles possible

bellows tongue

increased water resistance

COMP composite toe cap

increased breathability

PT PRO-Tendon Technology

Sole PU / PU



PRT FLEX Technology

SHOCK ABSORBER Technology
energy absorption in the heel area according to the standard minimum 20J, our result 27.2J

STABLE HOLD ON LADDERS

ANA - TECH Technology
(widened heel area) in size 42 the heel area is 95 mm wide

- resistance to acids and alkalis
- resistance to short-term contact with hot ground at a temperature of 180°C
- increased abrasion resistance required by the standard: less than or equal to 150 mm³ - our result 24 mm³

LINE article number	ROAD 5005847	ROAD 5005848	ROAD 5005849	ROAD 5015847	ROAD 5015848	ROAD 5015849
footwear type color assembly system / type of sole upper material sizes weight of a half pair	sandals green pu/pu injection velour leather 38 - 48 0,65 kg (r.42)	shoes green pu/pu injection velour leather 38 - 48 0,68 kg (r.42)	ankle boots green pu/pu injection velour leather 38 - 48 0,75 kg (r.42)	sandals black pu/pu injection velour leather 38 - 48 0,65 kg (r.42)	shoes black pu/pu injection velour leather 38 - 48 0,68 kg (r.42)	ankle boots black pu/pu injection velour leather 38 - 48 0,75 kg (r.42)
						
PROTECTION CATEGORY	S1P	S3	S3	S1P	S3	S3
PROPERTIES	HI3					
	P	•	•	•	•	•
	SRC	•	•	•	•	•
	SRB					
	SRA					
	ESD	•	•	•	•	•
	A	•	•	•	•	•
	E	•	•	•	•	•
	FO	•	•	•	•	•
	HI					
	CI		•	•		•
	HRO					
	WR					
	WRU		•	•		•
INCREASED	SLIP RESISTANCE					
	BREATHABILITY	•	•	•	•	•
	WATER RESISTANCE		•	•		•
	DURABILITY OF THE UPPER					
TOE CAP	COMPOSITE	•	•	•	•	•
	STEEL					
	ALUMINUM					
ADDITIONAL FEATURES	HEAT-RESISTANT SOLE					
	NON-FLAMMABLE SOLE					
	METAL FREE					
	EASY-CLEAN UPPER					
	ANTIBACTERIAL LINING					
	MEMBRANE LINING					
	TOE CAP PROTECTION	•	•	•	•	•
	HEAT-RESISTANT LEATHER					
	REFLECTIVE ELEMENTS					
	BELLOWS TONGUE		•	•		•
	QUICK DONNING SYSTEM					
	QUICK SHOE REMOVAL SYSTEM					
	LADDER SOLE	•	•	•	•	•
	NO LINING					
ANKLE PROTECTION						
INSOLE	INSULATED					
	ANTIBACTERIAL					
	ORTHOPEDIC	•	•	•	•	•
	REPLACEABLE	•	•	•	•	•
OTHER	INTEGRATED					
	MASSAGE					
	AUTOCLAVABLE					
	DISINFECTION	•	•	•	•	•
TECHNOLOGIES	WASHABLE 30°					
	WASHABLE 60°					
	HACCP					
	ATEX					
PRT FLEX	•	•	•	•	•	
SHOCK ABSORBER	•	•	•	•	•	
ANA-TECH	•	•	•	•	•	
SELF CLEAN						
PRO-TENDON			•		•	
UV PROTECTION						
COLD PROTECTION						

Advantages - Road

Increased breathability



Lining

- increased water vapor permeability in the requirements of min 0.8 mg / (cm² * h)
- **our result is 42.9 mg / (cm²*h)**
- the water vapor coefficient is required at least 15 mg/cm²
- **our result is 343,3 mg/cm²**

Collar and tongue material

- increased water vapor permeability in the requirements of min 0.8 mg / (cm² * h)
- **our result is 58,2mg/ (cm²*h)**
- the water vapor coefficient is minimum 15 mg/cm²
- **our result is 466 mg/cm² Nubuk**
- water vapor coefficient in requirements not less than 15 mg/cm²
- **our result 79.4 mg/cm² Velours leather**

Increased water resistance



Velours leather

- water absorption after 60 min -
in requirements no more than 30%
- **our result is 3,15%**
- water permeability expressed as material weight
gain after 60 min - in requirements no more than 0,2 g
- **our result is 0,02 g**



ANA-TECH Technology

widened heel area

TRAX Serie



5015841



5015842



5025841



5025842



5045842



5025374



5015374

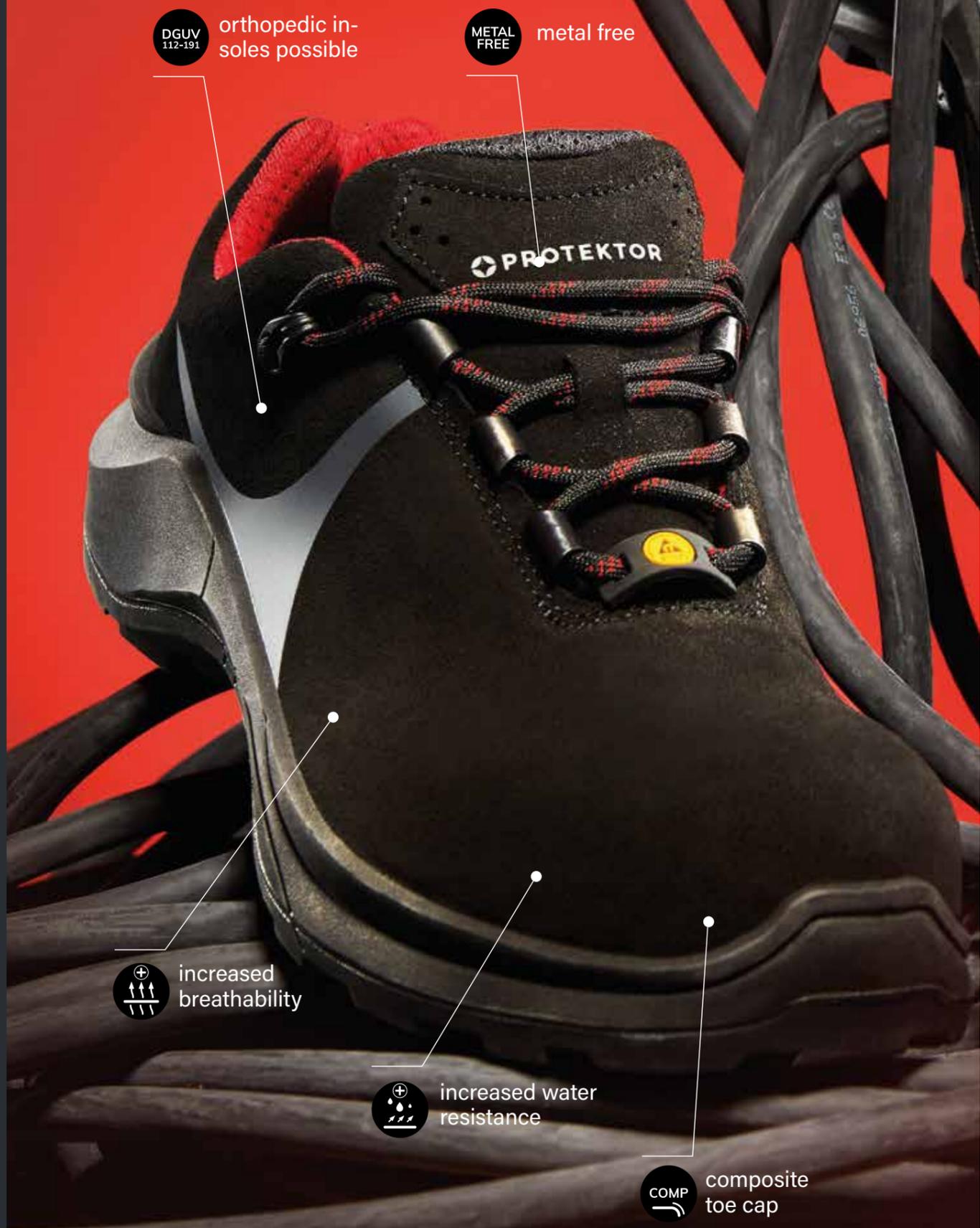


5045841

TRAX

DGUV 112-191
orthopedic in-soles possible

METAL FREE
metal free



⊕
↑↑↑
increased breathability

⊕
↑↑↑
increased water resistance

COMP
composite toe cap

Sole PU / PU


PRT FLEX
Technology


STABLE HOLD
ON LADDERS


SHOCK ABSORBER
Technology
energy absorption in the heel area according to the standard minimum 20J, our result 27.2J


ANA - TECH
Technology
(widened heel area)
in size 42 the heel area is 95 mm wide

- resistance to acids and alkalis
- resistance to short-term contact with hot ground at a temperature of 180°C
- increased abrasion resistance required by the standard: less than or equal to 150 mm³ - our result 24 mm³



LINE article number	TRAX 5015841	TRAX 5015842	TRAX 5025841	TRAX 5025842	TRAX 5045841	TRAX 5045842	TRAX 5025374	TRAX 5015374
footwear type color assembly system / type of sole upper material sizes weight of a half pair	shoes black pu/pu injection velour leather 38 - 48 0,65 kg (r.42)	ankle boots black pu/pu injection velour leather 38 - 48 0,70 kg (r.42)	shoes gray pu/pu injection velour leather 38 - 48 0,65 kg (r.42)	ankle boots gray pu/pu injection velour leather 38 - 48 0,70 kg (r.42)	shoes navy blue pu/pu injection velour leather 38 - 48 0,65 kg (r.42)	ankle boots navy blue pu/pu injection velour leather 38 - 48 0,70 kg (r.42)	shoes gray pu/pu injection velour leather 36-51 0,64 kg (r.42)	shoes black pu/pu injection velour leather 36-50 0,64 kg (r.42)
								
PROTECTION CATEGORY	S3	S3	S3	S3	S3	S3	S1P	S1P
PROPERTIES	HI3							
	P	•	•	•	•	•	•	•
	SRC	•	•	•	•	•	•	•
	SRB							
	SRA							
	ESD	•	•	•	•	•	•	•
	A	•	•	•	•	•	•	•
	E	•	•	•	•	•	•	•
	FO	•	•	•	•	•	•	•
	HI							
	CI	•	•	•	•	•	•	•
	HRO							
	WR							
WRU	•	•	•	•	•	•	•	
INCREASED	SLIP RESISTANCE							
	BREATHABILITY	•	•	•	•	•	•	•
	WATER RESISTANCE	•	•	•	•	•	•	•
	DURABILITY OF THE UPPER							
TOE CAP	COMPOSITE	•	•	•	•	•	•	•
	STEEL							
	ALUMINUM							
ADDITIONAL FEATURES	HEAT-RESISTANT SOLE							
	NON-FLAMMABLE SOLE							
	METAL FREE	•	•	•	•	•	•	•
	EASY-CLEAN UPPER	•	•	•	•	•	•	•
	ANTIBACTERIAL LINING							
	MEMBRANE LINING							
	TOE CAP PROTECTION						•	•
	HEAT-RESISTANT LEATHER							
	REFLECTIVE ELEMENTS							
	BELLOWS TONGUE							
	QUICK DONNING SYSTEM							
	QUICK SHOE REMOVAL SYSTEM							
	LADDER SOLE	•	•	•	•	•	•	•
	NO LINING							
	ANKLE PROTECTION							
INSULATED								
INSOLE	ANTIBACTERIAL							
	ORTHOPEDIC	•	•	•	•	•	•	•
	REPLACEABLE	•	•	•	•	•	•	•
	INTEGRATED							
OTHER	MASSAGE							
	AUTOCLAVABLE							
	DISINFECTION	•	•	•	•	•	•	•
	WASHABLE 30°							
TECHNOLOGIES	WASHABLE 60°							
	HACCP							
	ATEX							
	PRT FLEX	•	•	•	•	•	•	•
TECHNOLOGIES	SHOCK ABSORBER	•	•	•	•	•	•	•
	ANA-TECH	•	•	•	•	•	•	•
	SELF CLEAN							
	PRO-TENDON		•		•		•	
	UV PROTECTION							
COLD PROTECTION								

Advantages - Trax

Increased breathability



Lining

- increased water vapor permeability in the requirements of min 0.8 mg / (cm² * h)
- **our result is 42.9 mg / (cm²*h)**
- the water vapor coefficient is required at least 15 mg/cm²
- **our result is 343,3 mg/cm²**
- water vapor coefficient in requirements not less than 15 mg/cm²
- **our result 79.4 mg/cm² Velours leather**

Increased water resistance



Velours leather

- water absorption after 60 min - in requirements no more than 30%
- **our result is 3,15%**
- water permeability expressed as material weight gain after 60 min - in requirements no more than 0,2 g
- **our result is 0,02 g**



PRT FLEX Technology

high flexibility of the sole to adapt to the anatomical movements of the foot, much easier to move over a diverse surface



TRAX AUTOMOTIVE Series



5005840



5005841



5005842

TRAX AUTOMOTIVE



METAL FREE metal free

DGVV 112-191 orthopedic insoles possible

COMP composite toe cap

increased durability of the upper

Sole PU / PU



PRT FLEX Technology

SHOCK ABSORBER Technology
energy absorption in the heel area according to the standard minimum 20J, our result 27.2J

STABLE HOLD ON LADDERS

ANA - TECH Technology
(widened heel area) in size 42 the heel area is 95 mm wide

- resistance to acids and alkalis
- resistance to short-term contact with hot ground at a temperature of 180°C
- increased abrasion resistance required by the standard: less than or equal to 150 mm³ - our result 24 mm³

LINE	TRAX AUTOMOTIVE	TRAX AUTOMOTIVE	TRAX AUTOMOTIVE
article number	5005840	5005841	5005842
footwear type color assembly system / type of sole upper material sizes weight of a half pair	sandals black pu/pu injection grain leather 38 - 48 0,64 kg (r.42)	shoes black pu/pu injection grain leather 38 - 48 0,75 kg (r.42)	ankle boots black pu/pu injection grain leather 38 - 48 0,70 kg (r.42)
			
PROTECTION CATEGORY	S1P	S3	S3
PROPERTIES	H13		
	P	•	•
	SRC	•	•
	SRB		
	SRA		
	ESD	•	•
	A	•	•
	E	•	•
	FO	•	•
	HI		
	CI		•
	HRO		
	WR		
	WRU		•
INCREASED	SLIP RESISTANCE		
	BREATHABILITY	•	•
	WATER RESISTANCE		
	DURABILITY OF THE UPPER	•	•
TOE CAP	COMPOSITE	•	•
	STEEL		
	ALUMINUM		
ADDITIONAL FEATURES	HEAT-RESISTANT SOLE		
	NON-FLAMMABLE SOLE		
	METAL FREE	•	•
	EASY-CLEAN UPPER	•	•
	ANTIBACTERIAL LINING		
	MEMBRANE LINING		
	TOE CAP PROTECTION		
	HEAT-RESISTANT LEATHER		
	REFLECTIVE ELEMENTS		
	BELLOWS TONGUE		
	QUICK DONNING SYSTEM		
	QUICK SHOE REMOVAL SYSTEM		
	LADDER SOLE	•	•
	NO LINING		
	ANKLE PROTECTION		
	INSULATED		
INSOLE	ANTIBACTERIAL		
	ORTHOPEDIC	•	•
	REPLACEABLE	•	•
	INTEGRATED		
OTHER	MASSAGE		
	AUTOCLAVABLE		
	DISINFECTION	•	•
	WASHABLE 30°		
TECHNOLOGIES	WASHABLE 60°		
	HACCP		
	ATEX		
	PRT FLEX	•	•
	SHOCK ABSORBER	•	•
	ANA-TECH	•	•
SELF CLEAN			
PRO-TENDON			
UV PROTECTION			
COLD PROTECTION			

Advantages - Trax Automotive

Increased breathability



Lining

- increased water vapor permeability in the requirements of min 0.8 mg / (cm²*h)
- **our result is 42.9 mg / (cm²*h)**
- the water vapor coefficient is required at least 15 mg/cm²
- **our result is 343,3 mg/cm²**

Collar and tongue material

- increased water vapor permeability in the requirements of min 0.8 mg / (cm²*h)
- **our result is 58,2mg/ (cm²*h)**
- the water vapor coefficient is required at least 15 mg/cm²
- **our result is 466 mg/cm²**



PRO-Tendon Technology

protection of the Achilles tendon, stabilises the ankle joint



increased durability of the upper grain leather - excellent tensile strength parameters, a minimum of 15 N/mm² is required and **our result is 29.1 N/mm²**

BASIC BLACK Series



252430



252383



252375



252373

BASIC BLACK



increased durability of the upper

easy-clean upper

composite toe cap

resistance against acids

increased breathability

Sole PU / PU

PRT FLEX Technology

SHOCK ABSORBER Technology
energy absorption in the heel area according to the standard minimum 20J, our result 30J

passed slip resistance SR according to new norm EN ISO 20345:2022

- resistance to acids and alkalis
- resistance to short-term contact with hot ground at a temperature of 180°C
- increased abrasion resistance required by the standard: less than or equal to 150 mm³ - our result 53 mm³

LINE article number	BASIC BLACK 252430	BASIC BLACK 252383	BASIC BLACK 252375	BASIC BLACK 252373
footwear type color assembly system / type of sole upper material sizes weight of a half pair	sandals black pu/pu injection microfiber 36-47 0,52 kg	shoes black pu/pu injection microfiber 36-47 0,49 kg	shoes black pu/pu injection microfiber/fabric 36-47 0,49 kg	ankle boots black pu/pu injection microfiber/fabric 36-47 0,59 kg
				
PROTECTION CATEGORY	S1P	S1P	S1P	S1P
PROPERTIES	HI3			
	P	•	•	•
	SRC	•	•	•
	SRB			
	SRA			
	ESD	•	•	•
	A	•	•	•
	E	•	•	•
	FO	•	•	•
	HI			
	CI	•	•	•
	HRO			
	WR			•
	WRU			•
INCREASED	SLIP RESISTANCE			
	BREATHABILITY	•	•	•
	WATER RESISTANCE			
	DURABILITY OF THE UPPER			
TOE CAP	COMPOSITE	•	•	•
	STEEL			
	ALUMINUM			
ADDITIONAL FEATURES	HEAT-RESISTANT SOLE			
	NON-FLAMMABLE SOLE			
	METAL FREE	•		•
	EASY-CLEAN UPPER	•	•	•
	ANTIBACTERIAL LINING			
	MEMBRANE LINING			
	TOE CAP PROTECTION	•		•
	HEAT-RESISTANT LEATHER			
	REFLECTIVE ELEMENTS			
	BELLOWS TONGUE			•
	QUICK DONNING SYSTEM	•		
	QUICK SHOE REMOVAL SYSTEM	•		
	LADDER SOLE			
	NO LINING			
ANKLE PROTECTION				
INSOLE	INSULATED			
	ANTIBACTERIAL			
	ORTHOPEDIC			
	REPLACEABLE	•	•	•
	INTEGRATED			
OTHER	MASSAGE			
	AUTOCLAVABLE			
	DISINFECTION			
	WASHABLE 30°		•	
	WASHABLE 60°			
TECHNOLOGIES	HACCP			
	ATEX			
	PRT FLEX	•	•	•
	SHOCK ABSORBER	•	•	•
	ANA-TECH			
	SELF CLEAN			
	PRO-TENDON			
UV PROTECTION				
COLD PROTECTION				

Advantages - Basic Black

Increased breathability



Microfiber

- the water vapor coefficient is required at least 15 mg/cm²
- our result is 31,4 mg/cm²



Special shoes



SOLIGOR - 5010948

- S3 • increased breathability • steel toe cap • suitable for working on the knees • bellows tongue
- resistance to short-term contact with hot ground at 180°C • PRO-TENDON • PRT FLEX • Shock Absorber • SELF CLEAN



SOLIGOR - 5010968



FENIX - 5010962

- S2 • steel toe cap • resistance to acids
- PRT FLEX • Shock Absorber • SELF CLEAN • ANA-TECH technology



GATOR - 5010963

- O2 • resistance to acids • PRT FLEX
- Shock Absorber • SELF CLEAN
- ANA-TECH technology



ASPHALT - 5010427

- S2 • increased water resistance • increased durability of the upper • heat resistant leather • heat resistant outsole



ASPHALT - 5010410



FORTO - 5010966 - S3

- easy-clean upper • PRT FLEX • Shock Absorber • SELF CLEAN • ANA-TECH technology



FORTO - 5010965 - O2



WELDER - 5010964

- S3 • steel toe cap • resistance to acids • PRT FLEX
- Shock Absorber • SELF CLEAN • ANA-TECH technology



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