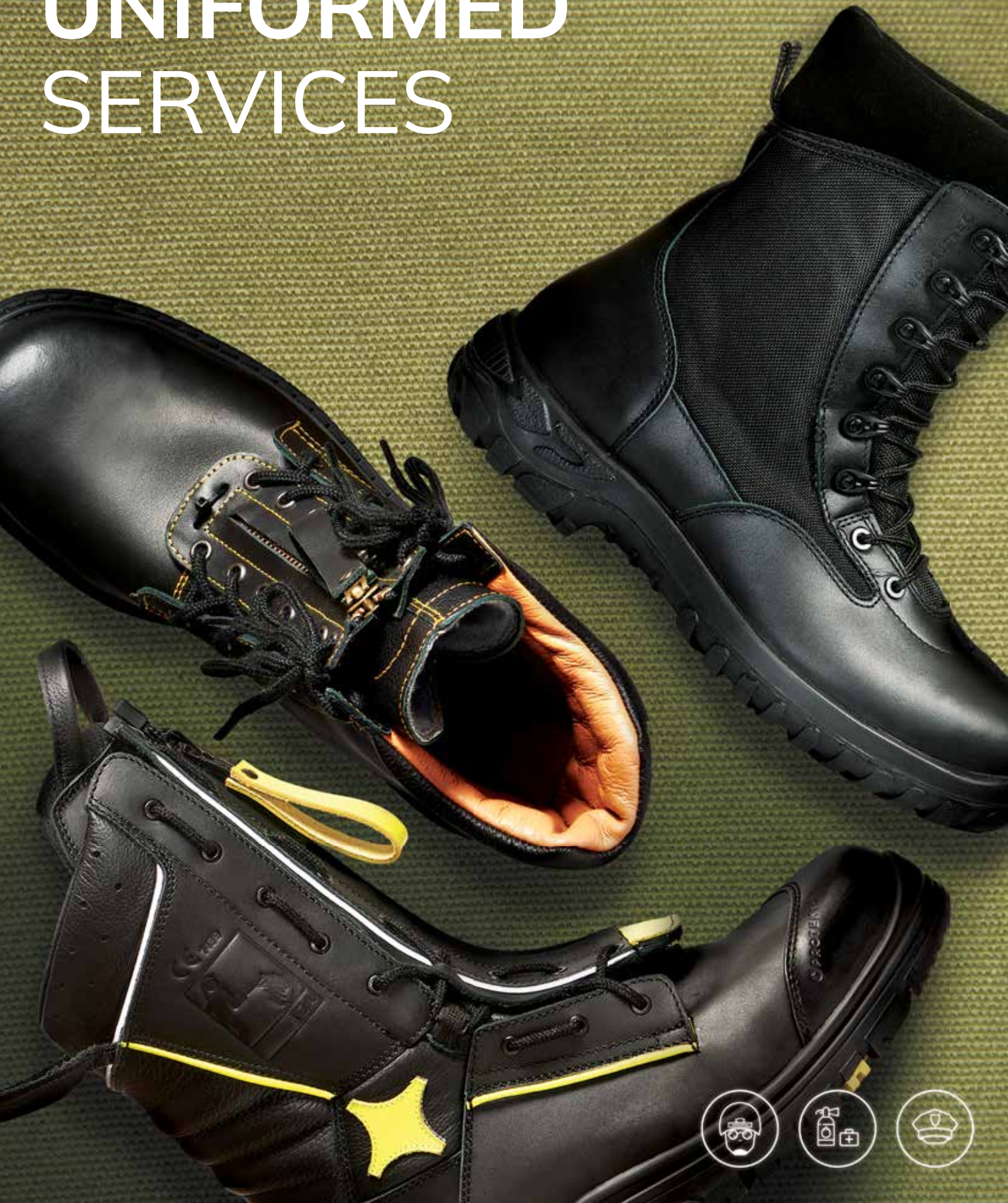


# UNIFORMED SERVICES





# FIREFIGHTER

Falcon, Zertix, Blast Line



# FALCON LINE

F2A



01-110832



01-110835



01-111832



01-111835

# PRODUCT FEATURES



MEMBRANE  
LINING



HEAT-RESISTANT  
LEATHER



TOE CAP  
PROTECTION



REFLECTIVE  
ELEMENTS



# SOLE RUBBER



## INSULATION FROM HEAT

from the standard, the temperature increase in the shoes when heated to 250 degrees - no more than 42 degrees - our result is 26 degrees



## HEAT RESISTANT SOLE



## LADDER SOLE



## NON-FLAMMABLE SOLE



## PRT FLEX TECHNOLOGY



## SELF CLEAN TECHNOLOGY

self-cleaning sole



## SHOCK ABSORBER TECHNOLOGY

Energy absorption in the heel area - from the standard not less than 20 J - our result 53.1 J



## ANA - TECH TECHNOLOGY

extended heel surface in the sole





## FALCON

01-110832

The FALCON footwear model is a line created with the safety of the service and ergonomics of work of the Fire Brigade combat units in mind. Looking at the conditions that they encounter during rescue operations, we prepared a project that took into account the needs they signaled to us.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	IPS-1439-34/2021 edition 2
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, ankle protection, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	Firefighter's boot height - design C
Upper material	grain leather, heat-resistant leather, UV PROTECTION technology
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-51 CM 23-33 UK 3,5-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,25 kg



## FALCON

01-111832

The FALCON footwear model is a line created with the safety of the service and ergonomics of work of the Fire Brigade combat units in mind. Looking at the conditions that they encounter during rescue operations, we prepared a project that took into account the needs they signaled to us.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	IPS-1439-36/2021 edition 2
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, ankle protection, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	Firefighter's boot height - design C
Upper material	grain leather, heat-resistant leather, UV PROTECTION technology
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-51 CM 23-33 UK 3,5-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,25 kg





## FALCON

01-110835

The FALCON footwear model is a line created with the safety of the service and ergonomics of work of the Fire Brigade combat units in mind. Looking at the conditions that they encounter during rescue operations, we prepared a project that took into account the needs they signaled to us.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	IPS-1439-35/2021 edition 2
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, ankle protection, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	Firefighter's boot height - design C
Upper material	grain leather, heat-resistant leather, UV PROTECTION technology
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-51 CM 23-33 UK 3,5-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,18 kg



## FALCON

01-111835

The FALCON footwear model is a line created with the safety of the service and ergonomics of work of the Fire Brigade combat units in mind. Looking at the conditions that they encounter during rescue operations, we prepared a project that took into account the needs they signaled to us.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	IPS-1439-36/2021 edition 2
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, ankle protection, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	Firefighter's boot height - design C
Upper material	grain leather, heat-resistant leather, UV PROTECTION technology
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-51 CM 23-33 UK 3,5-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,18 kg

LINE Indeks	FALCON 01-110832	FALCON 01-111832	FALCON 01-110835	FALCON 01-111835	
footwear type color purpose assembly system / type of sole upper material sizes weight of a half pair	boots black collection glued rubber grain leather 1,25 kg (42) 36-51 / 23-33 / 3,5-15,5	boots black collection glued rubber grain leather 1,25 kg (s.42) 36-51 / 23-33 / 3,5-15,5	boots black collection glued rubber grain leather 1,18 kg (s.42) 36-51 / 23-33 / 3,5-15,5	boots black collection glued rubber grain leather 1,18 kg (s.42) 36-51 / 23-33 / 3,5-15,5	
PROTECTION CATEGORY	F2A	F2A	F2A	F2A	
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	•	•	•	•
	CAP PROTECTION	•	•	•	•
	HEAT-RESISTANT LEATHER	•	•	•	•
	REFLECTIVE ELEMENTS	•	•	•	•
	BELLOWS TONGUE	•	•	•	•
	QUICK DONNING SYSTEM	•	•	•	•
	QUICK SHOE REMOVAL SYSTEM	•	•	•	•
	STABLE HOLD ON LADDERS	•	•	•	•
	NO LINING				
ANKLE PROTECTION	•	•	•	•	
INSULATED					
INSOLE	ANTIBACTERIAL				
	ORTHOPEDIC				
	REPLACEABLE	•	•	•	•
	INTEGRATED				
OTHER	MASSAGE				
	AUTOCLAVABLE AT 134°C				
	DISINFECTION	•	•	•	•
	WASHABLE 30°				
	WASHABLE 60°				
	HACCP				
TECHNOLOGIES	ATEX				
	PRT FLEX	•	•	•	•
	SHOCK ABSORBER	•	•	•	•
	ANA-TECH	•	•	•	•
	SELF CLEAN	•	•	•	•
	PRO-TENDON	•	•	•	•
	UV PROTECTION	•	•	•	•
COLD PROTECTION					

# UV PROTECTION TECHNOLOGY

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.



LV





# FIREFIGHTER

Zertix Line



# ZERTIX LINE

F2A



01-110428A



01-110729



01-111729



# PRODUCT FEATURES



REFLECTIVE ELEMENTS

POSSIBILITY OF DESINFECTION

WATER RESISTANCE OF FOOTWEAR

TOE CAP PROTECTION

ISOLATION FROM HEAT, THE THIRD LEVEL OF THERMAL RESISTANCE

# SOLE RUBBER



## INSULATION FROM HEAT

from the standard, the temperature increase in the shoes when heated to 250 degrees - no more than 42 degrees - our result is 21,5 degrees



## HEAT RESISTANT SOLE



## LADDER SOLE



## NON-FLAMMABLE SOLE



## SELF CLEAN TECHNOLOGY

self-cleaning sole



## SHOCK ABSORBER TECHNOLOGY

Energy absorption in the heel area - from the standard not less than 20 J - our result 49,9 J

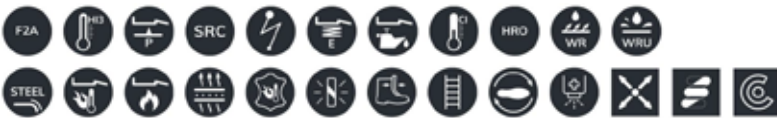




## ZERTIX

01-110428A

Specialist firefighting footwear intended for rescue firefighting actions, protective activities in buildings, closed rooms, vehicles, on ships or in similar places subject to fire or emergency situations.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	16/2022/PPE/1439/B edition1
Product features	steel toe cap, reflective elements, bellows tongue, disinfection
Product characteristics	Firefighter's boot height - design C
Upper material	grain leather, heat-resistant leather
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces
Sizes on request	FR 36-50 CM 23-32,5 UK 3,5-14,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,02 kg





## ZERTIX

01-110729

Specialist firefighting footwear intended for rescue firefighting actions, protective activities in buildings, closed rooms, vehicles, on ships or in similar places subject to fire or emergency situations.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	16/2022/PPE/1439/B wyd.1
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, disinfection
Product characteristics	Firefighter's boot height - design C
Upper material	grain leather, heat-resistant leather
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-50 CM 23-32,5 UK 3,5-14,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,13 kg



## ZERTIX




01-111729

Specialist firefighting footwear intended for rescue firefighting actions, protective activities in buildings, closed rooms, vehicles, on ships or in similar places subject to fire or emergency situations.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	16/2022/PPE/1439/B wyd.1
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, disinfection
Product characteristics	Shoelace cover Firefighter's boot height - design C
Upper material	grain leather, heat-resistant leather
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-50 CM 23-32,5 UK 3,5-14,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,13 kg



LINE Indeks		ZERTIX 01-110428A	ZERTIX 01-110729	ZERTIX 01-111729
footwear type color purpose assembly system / type of sole upper material sizes weight of a half pair		boots black collection glued rubber grain leather 1.02 kg (42) 36-50 / 23-32.5 / 3.5-14.5	boots black collection glued rubber grain leather 1.13 kg (s.42) 36-50 / 23-32.5 / 3.5-14.5	boots black collection glued rubber grain leather 1.13 kg (42) 36-50 / 23-32.5 / 3.5-14.5
				
PROTECTION CATEGORY		FZA	FZA	FZA
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	•	•	•
	CAP PROTECTION		•	•
	HEAT-RESISTANT LEATHER	•	•	•
	REFLECTIVE ELEMENTS	•	•	•
	BELLOWS TONGUE	•	•	•
	QUICK DONNING SYSTEM		•	•
	QUICK SHOE REMOVAL SYSTEM		•	•
	STABLE HOLD ON LADDERS	•	•	•
	NO LINING			
ANKLE PROTECTION				
INSULATED				
INSOLE	ANTIBACTERIAL			
	ORTHOPEDIC			
	REPLACEABLE	•	•	•
	INTEGRATED			
OTHER	MASSAGE			
	AUTOCLAVABLE AT 134°C			
	DISINFECTION	•	•	•
	WASHABLE 30°			
	WASHABLE 60°			
TECHNOLOGIES	HACCP			
	ATEX			
	PRT FLEX	•	•	•
	SHOCK ABSORBER	•	•	•
	ANA-TECH			
	SELF CLEAN	•	•	•
	PRO-TENDON			
UV PROTECTION				
COLD PROTECTION				

# WE ARE INSPIRED BY PEOPLE AND THEIR SAFETY







# FIREFIGHTER

Blast Line



# BLAST LINE



01-110828



01-110831



01-110928

# PRODUCT FEATURES



QUICK SHOE  
REMOVAL SYSTEM



QUICK DONNING  
SYSTEM



HEAT-RESISTANT  
LEATHER



REFLECTIVE  
ELEMENTS



# SOLE RUBBER

Models: 01-110928, 01-110828



HEAT RESISTANT  
SOLE



LADDER  
SOLE



NON-FLAMMABLE  
SOLE



SELF CLEAN  
TECHNOLOGY  
self-cleaning  
sole



SHOCK ABSORBER  
TECHNOLOGY



# SOLE RUBBER

Model: 01-110831

**INSULATION FROM HEAT**  
 from the standard, the temperature increase in the shoes when heated to 250 degrees - no more than 42 degrees - our result is 26 degrees

**HEAT RESISTANT SOLE**

**LADDER SOLE**

**NON-FLAMMABLE SOLE**

**PRT FLEX TECHNOLOGY**

**SELF CLEAN TECHNOLOGY**  
 self-cleaning sole

**SHOCK ABSORBER TECHNOLOGY**  
 Energy absorption in the heel area - from the standard not less than 20 J - our result 53.1 J

**ANA - TECH TECHNOLOGY**  
 extended heel surface in the sole





## BLAST

01-110828

Specialist firefighting footwear intended for rescue firefighting actions, protective activities in buildings, closed rooms, vehicles, on ships or in similar places subject to fire or emergency situations.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	IPS-1439-26/2021 edition1
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, ankle protection, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	Firefighter's boot height - design C
Upper material	grain leather, heat-resistant leather
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, SHOCK ABSORBER technology, SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-51 CM 23-33 UK 3,5-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,27 kg



## BLAST

01-110831

Specialist firefighting footwear intended for rescue firefighting actions, protective activities in buildings, closed rooms, vehicles, on ships or in similar places subject to fire or emergency situations.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	IPS-1439-38/2021 edition 2
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, ankle protection, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	Firefighter's boot height - design C
Upper material	grain leather, heat-resistant leather
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-51 CM 23-33 UK 3,5-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,27 kg





## BLAST

01-110928

Specialist firefighting footwear intended for rescue firefighting actions, protective activities in buildings, closed rooms, vehicles, on ships or in similar places subject to fire or emergency situations.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN 15090:2012
Certificate	IPS-1439-26/2021 edition 1
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, ankle protection, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	Firefighter's boot height - design D
Upper material	grain leather, heat-resistant leather
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, SHOCK ABSORBER technology, SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-50 CM 23-32,5 UK 3,5-14,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,33 kg



LINE Indeks	BLAST 01-110828	BLAST 01-110831	BLAST 01-110928	
footwear type color purpose assembly system / type of sole upper material sizes weight of a half pair	boots black collection glued rubber grain leather 1,27 kg (s.42) 36-51 / 23-33 / 3,5-15,5	boots black collection glued rubber grain leather 1,27 kg (s.42) 36-51 / 23-33 / 3,5-15,5	boots black collection glued rubber grain leather 1,33 kg (s.42) 36-50 / 23-32,5 / 3,5-14,5	
<b>PROTECTION CATEGORY</b>	<b>F2A</b>	<b>F2A</b>	<b>F2A</b>	
<b>PROPERTIES</b>	HI3	•	•	•
	P	•	•	•
	SRC	•	•	•
	SRB			
	SRA			
	ESD			
	A	•	•	•
	E	•	•	•
	FO	•	•	•
	HI			
	CI	•	•	•
	HRO	•	•	•
	WR	•	•	•
	WRU	•	•	•
<b>INCREASED</b>	SLIP RESISTANCE			
	BREATHABILITY			
	WATER RESISTANCE			
	DURABILITY OF THE UPPER			
<b>TOE CAP</b>	COMPOSITE			
	STEEL	•	•	•
	ALUMINUM			
<b>ADDITIONAL FEATURES</b>	HEAT-RESISTANT SOLE	•	•	•
	NON-FLAMMABLE SOLE	•	•	•
	METAL FREE			
	EASY-CLEAN UPPER			
	ANTIBACTERIAL LINING			
	MEMBRANE LINING	•	•	•
	CAP PROTECTION	•	•	•
	HEAT-RESISTANT LEATHER	•	•	•
	REFLECTIVE ELEMENTS	•	•	•
	BELLOWS TONGUE	•	•	•
	QUICK DONNING SYSTEM	•	•	•
	QUICK SHOE REMOVAL SYSTEM	•	•	•
	STABLE HOLD ON LADDERS	•	•	•
	NO LINING			
ANKLE PROTECTION	•	•	•	
<b>INSOLE</b>	INSULATED			
	ANTIBACTERIAL			
	ORTHOPEDIC			
	REPLACEABLE	•	•	•
<b>OTHER</b>	INTEGRATED			
	MASSAGE			
	AUTOCLAVABLE AT 134°C			
	DISINFECTION	•	•	•
	WASHABLE 30°			
<b>TECHNOLOGIES</b>	WASHABLE 60°			
	HACCP			
	ATEX			
	PRT FLEX		•	
	SHOCK ABSORBER	•	•	•
	ANA-TECH		•	
	SELF CLEAN	•	•	•
PRO-TENDON	•	•	•	
UV PROTECTION				
COLD PROTECTION				

# PRO-TENDON TECHNOLOGY

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.







# MEDICAL RESCUE

Rescue, Construct offshore, Falcon Line



# RESCUE LINE



RESCUE 01-010912



RESCUE 01-010916



CONSTRUCT OFFSHORE 01-010906H



FALCON 01-110834

# SOLE PU/PU

Models:  
RESCUE 01-010916  
RESCUE 01-010912

## INCREASED ABRASION RESISTANCE

standard requirement  
less than or equal  
to 150 mm<sup>3</sup> - our  
result is 24 mm<sup>3</sup>



## LADDER SOLE



## PRT FLEX TECHNOLOGY



## SHOCK ABSORBER TECHNOLOGY

Energy absorption in the heel  
area - from the standard not  
less than 20 J - our result 27.2 J



## ANA - TECH TECHNOLOGY

extended  
heel surface  
in the sole



# PRODUCT FEATURES

Models:

RESCUE 01-010916

RESCUE 01-010912







## RESCUE

01-010912

RESCUE is a line of safety boots designed specifically with the needs of rescue workers in mind. The footwear is equipped with reflective elements to improve visibility in dark places.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN ISO 20345:2011
Certificate	58/2022/PPE/1439/B edition 1
Product features	increased water resistance, increased durability of the upper, composite toe cap, metal free, easy-clean upper, reflective elements, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	<p>increased durability of the upper</p> <p>leather - tear resistance in requirements not less than 120 N, our result 168 N, tensile strength in requirements not less than 15 N / mm<sup>2</sup>, our result 26 N / mm<sup>2</sup></p> <p>increased water resistance</p> <p>leather - water absorption after 1 hour - no more than 30% required, our result 2%</p>
Upper material	grain leather
Lining & Sock	leather/fabric
Insole	fabric, replaceable insole
Sole	pu/pu, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole)
Fastening	velcro
Sizes on request	FR 35-51 CM 22,5-33 UK 3-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair)	0,77 kg





## RESCUE

01-010916

RESCUE is a line of safety boots designed specifically with the needs of rescue workers in mind. The footwear is equipped with reflective elements to improve visibility in dark places.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN ISO 20345:2011
Certificate	58/2022/PPE/1439/B edition 1
Product features	increased water resistance, increased durability of the upper, composite toe cap, metal free, easy-clean upper, reflective elements, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	<p>increased durability of the upper</p> <p>leather - tear resistance in requirements not less than 120 N, our result 168 N, tensile strength in requirements not less than 15 N / mm<sup>2</sup>, our result 26 N / mm<sup>2</sup></p> <p>increased water resistance</p> <p>leather - water absorption after 1 hour - no more than 30% required, our result 2%</p>
Upper material	grain leather
Lining & Sock	fabric
Insole	fabric, replaceable insole
Sole	pu/pu, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole)
Fastening	zipper
Sizes on request	FR 35-51 CM 22,5-33 UK 3-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	0,64 kg

## CONSTRUCT thinsulate

01-010906H

Safety boots equipped with innovative, waterproof membrane and Thinsulate 3M insulation. The shoes have a heat-resistant PU / Rubber sole with a self-cleaning tread. Reflective elements increase work safety in darkened rooms and outdoors



Brand	PROTEKTOR
Industry	construction / finishing works, firefighter and medical rescue, heavy industry
Product type	ankle boots
Color	● black
Norm	EN ISO 20345:2011
Certificate	IPS-1439-7/2022 edition1
Product features	increased breathability, increased durability of the upper, composite toe cap, metal free, easy-clean upper, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, insulated, disinfection, PRO-TENDON technology (Achilles tendon protection), COLD PROTECTION technology
Product characteristics	<p>increased breathability</p> <p>lining - increased water vapor permeability in the requirements of min 0.8 mg/(cm<sup>2</sup>*h) - our result is 42.9 mg / (cm<sup>2</sup>*h), the water vapor coefficient is required at least 15 mg/cm<sup>2</sup> and our result is 343.3 mg/cm<sup>2</sup></p> <p>increased durability of the upper</p> <p>grain leather - excellent parameters of tensile strength and tensile strength along and across, a minimum of 15 N/mm<sup>2</sup> is required and our result is 29.1 N/mm<sup>2</sup>, in addition, the leather has been tested for friction resistance, which proves that it exceeds the standards of resistance to external factors, which cause abrasion of the face</p>
Upper material	grain leather
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	pu/rubber, heat-resistant sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	shoelaces
Sizes on request	FR 35-51 CM 22,5-33 UK 3-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	0,85 kg





## FALCON

01-110834

High time pressure, working in changing body positions, moving on a variety of surfaces and contact with body fluids - these are just a few of conclusions that we have drawn from observing the daily work of paramedics. With their needs in mind, the FALCON model was designed. Equipped with PRT FLEX, UV PROTECTION or SELF-CLEANING technologies, specialist footwear is designed to increase the ergonomics of rescue teams and ensure their safety.



Brand	PROTEKTOR
Industry	firefighter and medical rescue
Product type	ankle boots
Color	● black
Norm	EN ISO 20345:2011
Certificate	IPS-1439-37/2021 edition 2
Product features	steel toe cap, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, ankle protection, disinfection, PRO-TENDON technology (Achilles tendon protection)
Upper material	grain leather, heat-resistant leather, UV PROTECTION technology
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	rubber, heat-resistant sole, non-flammable sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	zipper + shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 36-51 CM 23-33 UK 3,5-15,5
Available sizes	FR 36-50 CM 23-32,5 UK 3,5-14,5
Weight (half pair s.42)	1,18 kg

LINE Indeks	RESCUE 01-010916	RESCUE 01-010912	FALCON 01-110834	CONSTRUCT OFFSHORE 01-010906H
footwear type color purpose assembly system / type of sole upper material sizes weight of a half pair	boots black w trakcie realizacji certyfikacja injection pu/rubber grain leather 0,64 kg (s.42) 35-51 / 22,5-33 / 3-15,5	boots black w trakcie realizacji certyfikacja injection pu/rubber grain leather 0,77 kg 35-51 / 22,5-33 / 3-15,5	boots black collection injection pu/rubber grain leather 1,18 kg (42) 36-51 / 23-33 / 3,5-15,5	boots black collection injection pu/rubber grain leather 0,85 kg (s.42) 35-51 / 22,5-33 / 3-15,5
PROTECTION CATEGORY	<b>S3</b>	<b>S3</b>	<b>S3</b>	<b>S3</b>
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			•
	CAP PROTECTION			•
	HEAT-RESISTANT LEATHER			•
	REFLECTIVE ELEMENTS	•	•	•
	BELLOWS TONGUE			•
	QUICK DONNING SYSTEM			•
	QUICK SHOE REMOVAL SYSTEM			•
	STABLE HOLD ON LADDERS	•	•	•
	NO LINING			
	ANKLE PROTECTION			•
INSULATED				
INSOLE	ANTIBACTERIAL			
	ORTHOPEDIC			
	REPLACEABLE	•	•	•
	INTEGRATED			
OTHER	MASSAGE			
	AUTOCLAVABLE AT 134°C			
	DISINFECTION	•	•	•
	WASHABLE 30°			
	WASHABLE 60°			
TECHNOLOGIES	HACCP			
	ATEX			
	PRT FLEX	•	•	•
	SHOCK ABSORBER	•	•	•
	ANA-TECH	•	•	•
	SELF CLEAN			•
PRO-TENDON	•	•	•	
LUV PROTECTION			•	
COLD PROTECTION				•





CONSTRUCT OFFSHORE  
01-010906H

HRO

RESISTANCE OF THE BOTTOM  
TO CONTACT WITH THE HOT  
SURFACE





# TACTICAL FOOTWEAR

Unique, Cross, Grom Line



# UNIQUE LINE



01-010918



01-010931



01-010910



01-010930



01-010932



01-010924

# SOLE

## PU / RUBBER

 LADDER  
SOLE



**PRT FLEX  
TECHNOLOGY**



**SELF CLEAN  
TECHNOLOGY**  
self-cleaning  
sole



**SHOCK ABSORBER  
TECHNOLOGY**

Energy absorption in the heel  
area - from the standard not  
less than 20 J - our result 30,6 J



**ANA - TECH  
TECHNOLOGY**

extended  
heel surface  
in the sole



# PRODUCT FEATURES



WRU - WATER PERMEABILITY AND WATER ABSORPTION OF THE FACE MATERIAL



WR - WATER RESISTANCE OF FOOTWEAR



REFLECTIVE ELEMENTS

PROTEKTOR



MEMBRANE LINING



SELF CLEAN TECHNOLOGY



ANA-TECH TECHNOLOGY

## UNIQUE LOW

01-010924

Tactical low shoes with a flexible outsole and a heat-resistant rubber tread, ensuring traction and grip on every surface. The upper is made of durable grain leather, equipped with a membrane lining that ensures water resistance and comfort of use regardless of weather conditions.



Brand	GROM
Industry	tactical, trekking
Product type	shoes
Color	● black
Norm	EN ISO 20347:2012
Certificate	17/2022/PPE/1439/B edition 1
Product features	increased breathability, increased durability of the upper, metal free, easy-clean upper, bellows tongue, disinfection
Product characteristics	<p>increased breathability</p> <p>lining - increased water vapor permeability in the requirements of min 0.8 mg / (cm<sup>2</sup> * h) - our result is 42.9 mg / (cm<sup>2</sup> * h), the water vapor coefficient is required at least 15 mg / cm<sup>2</sup> and our result is 343.3 mg / cm<sup>2</sup></p> <p>increased durability of the upper</p> <p>grain leather - excellent parameters of tensile strength and tensile strength along and across, a minimum of 15 N / mm<sup>2</sup> is required and our result is 29.1 N / mm<sup>2</sup>,</p>
Upper material	grain leather
Lining & Sock	fabric, membrane lining
Insole	fabric, replaceable insole
Sole	pu/rubber, heat-resistant sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	shoelaces
Sizes on request	FR 35-52 CM 22,5-34
Available sizes	FR 37-51 CM 24-33 UK 4,5-15,5
Weight (half pair s.40)	0,51 kg





## UNIQUE PRO HIGH

01-010918

Professional tactical boots designed to work in the most demanding conditions. The use of a technologically advanced membrane increases the comfort of use by draining sweat to the outside, while ensuring water resistance and temperature regulation inside the footwear, providing long-term comfort of use.



Brand	GROM
Industry	tactical, trekking
Product type	ankle boots
Color	● black
Norm	EN ISO 20347:2012
Certificate	IPS-1439-5/2022 edition 3
Product features	increased breathability, increased durability of the upper, metal free, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	<p>increased breathability</p> <p>lining - increased water vapor permeability in the requirements of min 0.8 mg / (cm<sup>2</sup> * h) - our result is 42.9 mg / (cm<sup>2</sup> * h), the water vapor coefficient is required at least 15 mg / cm<sup>2</sup> and our result is 343.3 mg / cm<sup>2</sup></p> <p>increased durability of the upper</p> <p>grain leather - excellent parameters of tensile strength and tensile strength along and across, a minimum of 15 N / mm<sup>2</sup> is required and our result is 29.1 N / mm<sup>2</sup></p>
Upper material	grain leather
Lining & Sock	fabric, membrane lining
Insole	fabric, replaceable insole
Sole	pu/rubber, heat-resistant sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	shoelaces
Sizes on request	FR 35-52 CM 22,5-34
Available sizes	FR 37-51 CM 24-33 UK 4,5-15,5
Weight (half pair s.40)	0,69 kg

## UNIQUE PRO HIGH

01-010931

Professional tactical boots designed to work in the most demanding conditions. The use of a technologically advanced membrane increases the comfort of use by draining sweat to the outside, while ensuring water resistance and temperature regulation inside the footwear, providing long-term comfort of use.



Brand	GROM
Industry	tactical, trekking
Product type	ankle boots
Color	● black
Norm	EN ISO 20347:2012
Certificate	IPS-1439-5/2022 edition 3
Product features	increased breathability, increased durability of the upper, metal free, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, bellows tongue, disinfection
Product characteristics	<p>increased breathability</p> <p>lining - increased water vapor permeability in the requirements of min 0.8 mg / (cm<sup>2</sup> * h) - our result is 42.9 mg / (cm<sup>2</sup> * h), the water vapor coefficient is required at least 15 mg / cm<sup>2</sup> and our result is 343.3 mg / cm<sup>2</sup></p> <p>increased durability of the upper</p> <p>grain leather - excellent parameters of tensile strength and tensile strength along and across, a minimum of 15 N / mm<sup>2</sup> is required and our result is 29.1 N / mm<sup>2</sup></p>
Upper material	grain leather
Lining & Sock	fabric, membrane lining
Insole	fabric, replaceable insole
Sole	pu/rubber, heat-resistant sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	shoelaces
Sizes on request	FR 35-52 CM 22,5-34
Available sizes	FR 37-51 CM 24-33 UK 4,5-15,5
Weight (half pair s.40)	0,69 kg





## UNIQUE PRO MID

01-010910

Professional tactical boots designed to work in the most demanding conditions. The use of a technologically advanced membrane increases the comfort of use by draining sweat to the outside, while ensuring water resistance and temperature regulation inside the footwear, providing long-term comfort of use.



Brand	GROM
Industry	tactical, trekking
Product type	ankle boots
Color	● black
Norm	EN ISO 20347:2012
Certificate	IPS-1439-5/2022 edition 3
Product features	increased breathability, increased durability of the upper, metal free, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, reflective elements, bellows tongue, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	<p>increased breathability</p> <p>lining - increased water vapor permeability in the requirements of min 0.8 mg / (cm<sup>2</sup> * h) - our result is 42.9 mg / (cm<sup>2</sup> * h), the water vapor coefficient is required at least 15 mg / cm<sup>2</sup> and our result is 343.3 mg / cm<sup>2</sup></p> <p>increased durability of the upper</p> <p>grain leather - excellent parameters of tensile strength and tensile strength along and across, a minimum of 15 N / mm<sup>2</sup> is required and our result is 29.1 N / mm<sup>2</sup></p>
Upper material	grain leather
Lining & Sock	fabric, membrane lining
Insole	fabric, replaceable insole
Sole	pu/rubber, heat-resistant sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	shoelaces
Sizes on request	FR 35-52 CM 22,5-34
Available sizes	FR 37-51 CM 24-33 UK 4,5-15,5
Weight (half pair s.40)	0,62 kg





## UNIQUE PRO MID

01-010930

Professional tactical boots designed to work in the most demanding conditions. The use of a technologically advanced membrane increases the comfort of use by draining sweat to the outside, while ensuring water resistance and temperature regulation inside the footwear, providing long-term comfort of use.



Brand	GROM
Industry	tactical, trekking
Product type	ankle boots
Color	● black
Norm	EN ISO 20347:2012
Certificate	IPS-1439-5/2022 edition 3
Product features	increased breathability, increased durability of the upper, metal free, bellows tongue, disinfection
Product characteristics	<p>increased breathability</p> <p>lining - increased water vapor permeability in the requirements of min 0.8 mg / (cm<sup>2</sup> * h) - our result is 42.9 mg / (cm<sup>2</sup> * h), the water vapor coefficient is required at least 15 mg / cm<sup>2</sup> and our result is 343.3 mg / cm<sup>2</sup></p> <p>increased durability of the upper</p> <p>grain leather - excellent parameters of tensile strength and tensile strength along and across, a minimum of 15 N / mm<sup>2</sup> is required and our result is 29.1 N / mm<sup>2</sup></p>
Upper material	grain leather
Lining & Sock	fabric, membrane lining
Insole	fabric, replaceable insole
Sole	pu/rubber, heat-resistant sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	shoelaces
Sizes on request	FR 35-52 CM 22,5-34
Available sizes	FR 37-51 CM 24-33 UK 4,5-15,5
Weight (half pair s.44)	0,71 kg











## UNIQUE PRO MID

01-010932

Professional tactical boots designed to work in the most demanding conditions. The use of a technologically advanced membrane increases the comfort of use by draining sweat to the outside, while ensuring water resistance and temperature regulation inside the footwear, providing long-term comfort of use.



Brand	GROM
Industry	tactical, trekking
Product type	ankle boots
Color	● black
Norm	EN ISO 20347:2012
Certificate	IPS-1439-5/2022 edition 3
Product features	increased breathability, increased durability of the upper, metal free, additional toe reinforcement in the upper, the footwear is suitable for working on the knees, bellows tongue, disinfection, PRO-TENDON technology (Achilles tendon protection)
Product characteristics	increased breathability lining - increased water vapor permeability in the requirements of min 0.8 mg / (cm <sup>2</sup> * h) - our result is 42.9 mg / (cm <sup>2</sup> * h), the water vapor coefficient is required at least 15 mg / cm <sup>2</sup> and our result is 343.3 mg / cm <sup>2</sup> increased durability of the upper grain leather - excellent parameters of tensile strength and tensile strength along and across, a minimum of 15 N / mm <sup>2</sup> is required and our result is 29.1 N / mm <sup>2</sup>
Upper material	grain leather
Lining & Sock	fabric, membrane lining
Insole	fabric, replaceable insole
Sole	pu/rubber, heat-resistant sole, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, ANA-TECH technology (extended heel surface in the sole), SELF CLEAN technology (self-cleaning sole)
Fastening	shoelaces
Sizes on request	FR 35-52 CM 22,5-34
Available sizes	FR 37-51 CM 24-33 UK 4,5-15,5
Weight (half pair s.40)	0,62 kg

LINE Indeks	UNIQUE LOW 01-010924	UNIQUE PRO HIGH 01-010918	UNIQUE PRO HIGH 01-010931	UNIQUE PRO MID 01-010910	UNIQUE PRO MID 01-010930	UNIQUE PRO MID 01-010932
footwear type color purpose assembly system / type of sole upper material sizes weight of a half pair	shoes black collection injection pu/rubber grain leather 0.51 kg (40) 35-52 / 22.5-34 / -	boots black collection injection pu/rubber grain leather 0.69 kg (40) 35-52 / 22.5-34 / -	boots black collection injection pu/rubber grain leather 0.69 kg (40) 35-52 / 22.5-34 / -	boots black collection injection pu/rubber grain leather 0.69 kg (40) 35-52 / 22.5-34 / -	boots black collection injection pu/rubber grain leather 0.71 kg (44) 35-52 / 22.5-34 / -	boots black collection injection pu/rubber grain leather 0.69 kg (40) 35-52 / 22.5-34 / -
						
PROTECTION CATEGORY	02	03	03	03	03	03
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	•	•	•	•	•
	CAP PROTECTION		•	•	•	•
	HEAT-RESISTANT LEATHER					
	REFLECTIVE ELEMENTS		•		•	
	BELLOWS TONGUE	•	•	•	•	•
	QUICK DONNING SYSTEM					
	QUICK SHOE REMOVAL SYSTEM					
	STABLE HOLD ON LADDERS	•	•	•	•	•
	NO LINING					
ANKLE PROTECTION						
INSULATED						
INSOLE	ANTIBACTERIAL					
	ORTHOPEDIC					
	REPLACEABLE	•	•	•	•	•
	INTEGRATED					
MASSAGE						
OTHER	AUTOCLAVABLE AT 134°C					
	DISINFECTION	•	•	•	•	•
	WASHABLE 30°					
	WASHABLE 60°					
	HACCP					
ATEX						
TECHNOLOGIES	PRT FLEX	•	•	•	•	•
	SHOCK ABSORBER	•	•	•	•	•
	ANA-TECH	•	•	•	•	•
	SELF CLEAN	•	•	•	•	•
	PRO-TENDON		•		•	•
	UV PROTECTION					
COLD PROTECTION						



# SHOCK ABSORBER TECHNOLOGY

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.



# GROM LINE



01-108742



01-228742



01-000745



01-228745

# CROSS LINE



01-010046



01-015046

# SOLE PU / PU

SRC

SLIP RESISTANCE  
ON CERAMIC,  
COATED WITH  
SLS SOLUTION  
AND ON STEEL,  
COATED WITH  
GLYCEROL



FO - THE SOLE  
RESISTANT  
TO DIESEL FUEL



SHOCK ABSORBER  
TECHNOLOGY



# SOLE PU / PU



 LADDER  
SOLE



SELF CLEAN  
TECHNOLOGY



SHOCK ABSORBER  
TECHNOLOGY



# PRODUCT FEATURES



BELLOWS  
TONGUE



QUICK SHOE  
REMOVAL SYSTEM



FOOTWEAR  
WITHOUT  
METAL ELEMENTS



POSSIBILITY  
OF DESINFECTING





## GROM

01-108742

The combination of modern technology and many years of experience made it possible to create the Protektor Grom tactical boots, which prove themselves in many situations and meet even the highest demands. Their universal design makes them suitable for professional soldiers, employees of uniformed services, but also for people who like military style. They are made of grain leather and durable fabric, which allows them to be used for a long time without visible signs of wear. The sturdy sole allows you to move on uneven surfaces without feeling uncomfortable. The Grom boots are perfect for military exercises on training grounds, in barracks and airports.



Brand	GROM
Industry	security services / convoy protection, tactical, trekking
Product type	ankle boots
Color	● black
Norm	
Certificate	
Product features	increased durability of the upper, bellows tongue, disinfection
Upper material	grain leather/fabric
Lining & Sock	technological fabric
Insole	fabric, replaceable insole
Sole	pu/pu, PRT FLEX technology, SHOCK ABSORBER technology
Fastening	shoelaces
Sizes on request	FR 36-48 CM 23-31 UK 3,5-13
Available sizes	FR 36-48 CM 23-31 UK 3,5-13
Weight (half pair s.42)	0,62 kg





## GROM

01-228742

The Protektor Grom military boots are characterised by exceptional durability and versatility. They are designed for soldiers of the army, police officers, border guards and people who place special emphasis on protecting their feet from various injuries, but also on comfort and convenience when wearing them. High-quality grain leather, which they are made of guarantees durability and breathability. The specially designed sole ensures safety when walking on slippery surfaces and additionally insulates the bottom from the cold, making the Grom boots perfect for cold weather.



Brand	GROM
Industry	security services / convoy protection, tactical, trekking
Product type	ankle boots
Color	● black
Norm	EN ISO 20347:2012
Certificate	18/2022/PPE/1439/B edition 1
Product features	increased durability of the upper, metal free, bellows tongue, disinfection
Upper material	grain leather
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	pu/pu, PRT FLEX technology, SHOCK ABSORBER technology
Fastening	shoelaces, quick donning system
Sizes on request	FR 36-48 CM 23-31 UK 3,5-13
Available sizes	FR 36-48 CM 23-31 UK 3,5-13
Weight (half pair s.42)	0,62 kg



## GROM

01-000745

The Protektor Grom military boots are characterised by exceptional durability and versatility. They are designed for soldiers of the army, police officers, border guards and people who place special emphasis on protecting their feet from various injuries, but also on comfort and convenience when wearing them. High-quality grain leather, which they are made of guarantees durability and breathability. The specially designed sole ensures safety when walking on slippery surfaces and additionally insulates the bottom from the cold, making the Grom boots perfect for cold weather.



Brand	GROM
Industry	security services / convoy protection, tactical, trekking
Product type	ankle boots
Color	<span style="color: brown;">●</span> brown
Norm	
Certificate	
Product features	bellows tongue, disinfection
Upper material	grain leather
Lining & Sock	technological fabric
Insole	fabric, replaceable insole
Sole	pu/pu, PRT FLEX technology, SHOCK ABSORBER technology
Fastening	shoelaces
Sizes on request	FR 36-48 CM 23-31 UK 3,5-13
Available sizes	FR 36-48 CM 23-31 UK 3,5-13
Weight (half pair s.45)	0,66 kg





## GROM

01-228745

The Protektor Grom tactical boots were made with great attention to detail, so even the most challenging obstacles will not be a problem. They will prove their worth in unexpected situations and make hiking or working in difficult conditions easier. The solid sole insulates your feet from the cold and protects them from low temperatures. It provides excellent amortisation and traction, regardless of the type of terrain traversed. The high-quality grain leather used to make the Protektor boots is also particularly noteworthy. It is waterproof and also guarantees air permeability so that the feet can breathe freely.



Brand	GROM
Industry	security services / convoy protection, tactical, trekking
Product type	ankle boots
Color	● brown
Norm	EN ISO 20347:2012
Certificate	18/2022/PPE/1439/B edition 1
Product features	metal free, bellows tongue, disinfection
Upper material	grain leather
Lining & Sock	technological fabric, membrane lining
Insole	fabric, replaceable insole
Sole	pu/pu, PRT FLEX technology, SHOCK ABSORBER technology
Fastening	shoelaces, quick donning system
Sizes on request	FR 36-48 CM 23-31 UK 3,5-13
Available sizes	FR 36-48 CM 23-31 UK 3,5-13
Weight (half pair s.42)	0,68 kg




## CROSS

01-010046

Light ankle boots, made of natural velour leather in combination with technological fabric and perforations to increase air flow inside the footwear, making them an excellent choice in warm climates



Brand	GROM
Industry	security services / convoy protection, tactical, trekking
Product type	ankle boots
Color	 beige
Norm	
Certificate	
Product features	metal free, bellows tongue, disinfection
Upper material	velour leather
Lining & Sock	technological fabric
Insole	fabric, replaceable insole
Sole	pu/pu, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, SELF CLEAN technology (self-cleaning sole)
Fastening	shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 38-48 CM 24,5-31 UK 5-13
Available sizes	FR 38-48 CM 24,5-31 UK 5-13
Weight (half pair s.42)	0,54 kg



## CROSS

01-015046

Light ankle boots, made of natural velour leather in combination with technological fabric and perforations to increase air flow inside the footwear, making them an excellent choice in warm climates



Brand	GROM
Industry	security services / convoy protection, tactical, trekking
Product type	ankle boots
Color	● black
Norm	
Certificate	
Product features	metal free, bellows tongue, disinfection
Product characteristics	<p>increased breathability</p> <p>velour - increased water vapor permeability in the requirements of min 0.8 mg / (cm<sup>2</sup> * h) - our result is 8.8 mg / (cm<sup>2</sup> * h), the water vapor coefficient is required at least 15 mg / cm<sup>2</sup> - our result is 79.4 mg / cm<sup>2</sup></p> <p>increased water resistance</p> <p>velour - water absorption after 60 min - in requirements no more than 30% - our result 3.15%, water permeability expressed as material weight gain after 60 min - in requirements no more than 0.2 g - our result 0.02 g</p>
Upper material	velour leather
Lining & Sock	technological fabric
Insole	fabric, replaceable insole
Sole	pu/pu, sole tread allowing climbing the ladder safely, PRT FLEX technology, SHOCK ABSORBER technology, SELF CLEAN technology (self-cleaning sole)
Fastening	shoelaces, quick donning system, quick shoe removal system
Sizes on request	FR 38-48 CM 24,5-31 UK 5-13
Available sizes	FR 38-48 CM 24,5-31 UK 5-13
Weight (half pair s.42)	0,54 kg

LINE Indeks	GROM 01-228745	GROM 01-228742	GROM 01-108742	GROM 01-000745	CROSS 01-015046	CROSS 01-010046
footwear type color purpose assembly system / type of sole upper material sizes weight of a half pair	boots brown collection injection pu/pu grain leather 0.68 kg (r.42) 36-48 / 23-31 / 3,5-13	boots black collection injection pu/pu grain leather 0.62 kg (r.42) 36-48 / 23-31 / 3,5-13	boots black collection injection pu/pu grain leather/fabric 0.62 kg (r.42) 36-48 / 23-31 / 3,5-13	boots brown collection injection pu/pu grain leather 0.66 kg (r.45) 36-48 / 23-31 / 3,5-13	boots black collection injection pu/pu velour leather 0.54 kg (r.42) 38-48 / 24,5-31 / 5-13	boots beige collection injection pu/pu velour leather 0.54 kg (r.42) 38-48 / 24,5-31 / 5-13
						
PROTECTION CATEGORY	03	03				
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	•	•			
	CAP PROTECTION					
	HEAT-RESISTANT LEATHER					
	REFLECTIVE ELEMENTS					
	BELLOWS TONGUE	•	•	•	•	•
	QUICK DONNING SYSTEM	•	•		•	•
	QUICK SHOE REMOVAL SYSTEM				•	•
	STABLE HOLD ON LADDERS				•	•
NO LINING						
ANKLE PROTECTION						
INSULATED						
INSOLE	ANTIBACTERIAL					
	ORTHOPEDIC					
	REPLACEABLE	•	•	•	•	•
	INTEGRATED					
MASSAGE						
OTHER	AUTOCLAVABLE AT 134°C					
	DISINFECTION	•	•	•	•	•
	WASHABLE 30°					
	WASHABLE 60°					
	HACCP					
ATEX						
TECHNOLOGIES	PRT FLEX	•	•	•	•	•
	SHOCK ABSORBER	•	•	•	•	•
	ANA-TECH					
	SELF CLEAN				•	•
	PRO-TENDON					
	UV PROTECTION					
COLD PROTECTION						



# SELF CLEAN TECHNOLOGY

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.







# DISPOSABLE 3 LAYER MASK

Medical and Sanitary



# SANITARY MASK

## 000-992

THREE-LAYER | DISPOSABLE | MADE IN EU

### MATERIAL / COMPOSITION

- made of three layers of polypropylene nonwoven fabric 3\*35g/m2
- hydrophobically finished fabric - does not absorb water and ensures hygiene
- 100% polypropylene
- fabrics made in EU

### SIZE

- universal
- dimensions ≈ 17,5 cm x 9 cm

### COLOUR

white

### FEATURES



Designed to ensure tight fit of the mask to the face.



Held in place behind the ears with a soft, stretchy yet durable cord with an elastic band to improve wearing comfort.



Can be individually adjusted to the shape of the nose with a flexible metal strip sewn inside. The use of a 12.5 cm long metal strip ensures correct fit of the mask to the shape of the face and prevents your glasses from getting fogged.



Free breathing and comfort of use.

### UNIT BOX

quantity 50 pcs.



### APPROVALS / CERTIFICATES



Product with certificate of NIZP-PZ  
Number: B-BŻ-6071-0127/20/C  
Valid until: 29.04.2023

[www.pzh.gov.pl](http://www.pzh.gov.pl)

### OEKO TEX Standard 100

The fabric used to manufacture the mask has a Certificate of Health Quality issued by the NIPH-NIH and the OEKO TEX Standard 100 certificate



# MEDICAL MASK TYPE II

## 000-994

TYP II | THREE-LAYER | DISPOSABLE | MADE IN EU

### MATERIAL / COMPOSITION

- composed of three polypropylene non-woven fabric layers, including a specialised meltblown filtering layer
- composition: 100% polypropylene
- fabrics manufactured in the EU

### SIZE

- universal
- dimensions ≈ 17,5 cm x 9 cm

### COLOUR

white

### FEATURES



TYP II  
BFE ≥ 98%



Designed to provide accurate and tight face adhesion.



Worn over ears with a soft and durable elastic band to improve wearing comfort.



Individually adjustable to the nose with a sewn-in wire. The application of a long wire ensures the precise fit of this mask to the face and prevents glasses from fogging.

### UNIT BOX

quantity 50 pcs.



### APPROVALS / CERTIFICATES

- The product complies with the **PN-EN 14683+AC:2019** Standard for II-type masks. It was tested at the Central Institute for Labour Protection - National Research Institute for bacterial filtration efficiency, microbiological purity and respiratory resistance and at the InnoNIL/National Medicines Institute for biocompatibility assessment.
- The product obtained the Health Quality Certificate (**B-BŽ-6071-0123/20/C**) issued by the National Institute of Public Health - National Institute of Hygiene, valid until **23.04.2023**.
- The textile materials of which the mask is made were attested with the **Health Quality Certificate** by the National Institute of Public Health - National Institute of Hygiene and the **Standard 100 Certificate** by OEKO TEX.

# MEDICAL MASK TYPE II R 000-994R

TYP II R | THREE-LAYER | DISPOSABLE | MADE IN EU

## MATERIAL / COMPOSITION

- composed of three polypropylene non-woven fabric layers, including a specialised meltblown filtering layer
- composition: 100% polypropylene
- fabrics manufactured in the EU

## SIZE

- universal
- dimensions ≈ 17,5 cm x 9 cm

## COLOUR

white

## FEATURES



TYP II R  
BFE ≥ 98%



Designed to provide accurate and tight face adhesion.



Worn over ears with a soft and durable elastic band to improve wearing comfort.



Individually adjustable to the nose with a sewn-in wire. The application of a long wire ensures the precise fit of this mask to the face and prevents glasses from fogging.

## UNIT BOX

quantity 50 pcs.



## APPROVALS / CERTIFICATES

- The product complies with the **PN-EN 14683+AC:2019** Standard for II-type masks. It was tested at the Central Institute for Labour Protection - National Research Institute for bacterial filtration efficiency, microbiological purity and respiratory resistance and at the InnoNIL/National Medicines Institute for biocompatibility assessment.
- The product obtained the Health Quality Certificate (**B-BŻ-6071-0123/20/C**) issued by the National Institute of Public Health - National Institute of Hygiene, valid until **23.04.2023**.
- The textile materials of which the mask is made were attested with the **Health Quality Certificate** by the National Institute of Public Health - National Institute of Hygiene and the **Standard 100 Certificate** by OEKO TEX.



# CERTIFICATES SYMBOLS TECHNOLOGIES

# 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				✓		✓

# PROPERTIES

-  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
-  WASHABLE 30°
-  WASHABLE 60°
-  HI - ISOLATION OF THE BOTTOM FROM THE HEAT
-  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
-  ALU ALUMINIUM TOE CAP
-  STEEL STEEL TOE CAP
-  COMP COMPOSITE TOE CAP
-  TOE CAP PROTECTION
-  A - ANTISTATIC FOOTWEAR
-  HRO RESISTANCE OF THE BOTTOM TO CONTACT WITH THE HOT SURFACE
-  METAL FREE FOOTWEAR WITHOUT METAL ELEMENTS
-  LADDER SOLE
-  PROTECTION AGAINST ELECTROSTATIC DISCHARGE
-  ORTHOPEDIC INSOLES USED
-  HACCP - COMPLIANT FOOTWEAR
-  NO LINING
-  INTEGRATED INSOLE
-  MASSAGING INSOLE
-  QUICK SHOE REMOVAL SYSTEM
-  QUICK DONNING SYSTEM
-  DECLARATION OF CONFORMITY
-  REFLECTIVE ELEMENTS
-  BELLOWS TONGUE
-  NON-FLAMMABLE SOLE
-  HEAT RESISTANT SOLE
-  MEMBRANE LINING
-  INCREASED SLIP RESISTANCE
-  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
-  INSULATED



# ANTI-SLIP PROPERTIES

- SRA** SLIP RESISTANCE OF THE SOLE ON A CERAMIC SURFACE, COVERED WITH SLS SOLUTION
- SRB** SLIP RESISTANCE OF THE SOLE ON A STEEL GROUND, COVERED WITH GLYCEROL
- SRC** SLIP RESISTANCE ON CERAMIC, COATED WITH SLS SOLUTION AND ON STEEL, COATED WITH GLYCEROL

# INDUSTRIES

- |   |  |   |
|---|--|---|
|  CONSTRUCTION          |  PHARMACY               |  HORECA                              |
|  HOSPITALS             |  TRANSPORT   WAREHOUSES |  FOOD PRODUCTION                     |
|  ELECTRONICS INDUSTRY |  GASTRONOMY            |  TACTICAL   TREKKING                |
|  MEDICAL INDUSTRY    |  MEDICAL INDUSTRY     |  CAR SERVICE   MAINTENANCE SERVICE |
|  HEAVY INDUSTRY      |  PROTECTION   CONVOYS |  UNIFORMED SERVICES                |
|  TACTICAL            |  LIGHT INDUSTRY       |   |

# TECHNOLOGIES

- AT** ANA-TECH
- X** PRT FLEX
- S** SHOCK ABSORBER
- C** SELF CLEAN
- PT** PRO TENDON
- UV** UV PROTECTION
- C°** COLD PROTECTION



## TECHNOLOGIES



### 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.



### 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.

### 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.





## 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.

## 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.

# CONTACT

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