PROS

WATERPROOF CLOTHING CATALOG FOR THE MINING AND PETROCHEMICAL INDUSTRIES 2025

Waterproof
antistatic clothing

PROS

Antistatic jacket model 101/A

Material: PVC/Polyester
Plavitex antistatic

Weight: 350 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5

Specific features:
- fastening with press studs covered with a pleat
- increased durability of seams
- ventilation on the back
- hood with drawstrings
- two front pockets with patches

Antistatic coat model 106/A

Material: PVC/Polyester
Plavitex antistatic

Weight: 350 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5

Specific features:
- fastening with press studs covered with a placket
- increased durability of seams
- hood with drawstring
- two pockets with patches

Antistatic waist pants model 112/A

Material: PVC/Polyester
Plavitex antistatic

Weight: 350 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5

Specific features:
- increased durability of seams
- comfortable elastic waistband
- leg adjustment
- dedicated to work in explosion hazardous areas

Antistatic bibpants model 001/A

Material: PVC/Polyester
Plavitex antistatic

Weight: 350 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5

Specific features:
- increased durability of seams
- adjustable shoulder straps
- raised front
- circumference can be adjusted
- antistatic features

Antistatic clothing set model 101/001/A

Material: PVC/Polyester
Plavitex antistatic

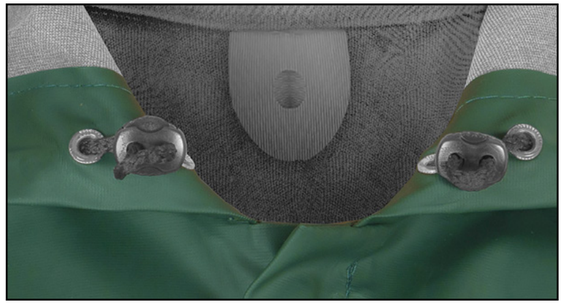
Weight: 350 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5

Specific features:
- concealed snap fasteners
- increased durability of seams
- cuffs in the sleeves
- suspenders with rubber band on the back



Chemical
proof clothing

PROS

Chemical jacket model 420

Material: PVC/Polyester
Plavitex chemo

Weight: 340 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 13034
- EN 343

Specific features:
- zip fastening with a placket
- increased durability of seams
- special cut that does not restrict movement
- sleeves finished with rubber band
- two front pockets with patches

Chemical coat model 426

Material: PVC/Polyester
Plavitex chemo

Weight: 340 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 13034
- EN 343

Specific features:
- increased resistance to chemicals
- zip with placket
- increased durability of seams
- cuffs in the sleeves
- two pockets with patches

Chemical waist trousers model 422

Material: PVC/Polyester
Plavitex chemo

Weight: 340 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 13034
- EN 343

Specific features:
- increased resistance to chemicals
- increased durability of seams
- special cut that does not restrict movement
- comfortable elastic waistband
- leg circumference adjustment

Chemical bibpants model 421

Material: PVC/Polyester
Plavitex chemo

Weight: 340 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 13034
- EN 343

Specific features:
- increased durability of seams
- special cut that does not restrict movement
- wide braces with comfortable fastening
- wind vents in leg openings
- increased resistance to chemicals

Chemical overall model 424

Material: PVC/Polyester
Plavitex chemo

Weight: 340 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 13034
- EN 343

Specific features:
- increased resistance to chemicals
- zip with placket
- increased durability of seams
- cuffs in the sleeves
- tunnel with rubber in the back for regulation

Acid-proof apron model 124

Material: PVC/Polyester
Plavitex acid

Weight: 480 g/m²

Size: 164/170, 170/176, 176/182, 182/188, 188/194, 194/200

Colour:

Norms:
- EN ISO 13688
- EN 14605

Specific features:
- lightweight, unrestrictive
- fixed on the shoulders
- made of one piece of material
- special eyelets for hangers

Acid-proof jacket model 412/A

Material: PVC/Polyester
Plavitex acid

Weight: 480 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN EN 14605

Specific features:
- increased durability of seams
- cuffs in the sleeves
- collar with stand-up collar
- a press stud fastening with a placket
- to be used with trousers and a hood

Acid-proof bibpants model 412/B

Material: PVC/Polyester
Plavitex acid

Weight: 480 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 14605

Specific features:
- for use with jacket and hood
- increased durability of seams
- raised front
- wide, adjustable braces
- double elastic at back

Acid-proof clothing set model 412

Material: PVC/Polyester
Plavitex acid

Weight: 480 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 14605

Specific features:
- three-piece model
- increased durability of seams
- cuffs in the sleeves
- adjustable braces
- collar with stand-up collar

Acid-proof overall model 414

Material: PVC/Polyester
Plavitex acid

Weight: 480 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN 14605

Specific features:
- zip fastening covered with double placket
- increased durability of seams
- cuffs in the sleeves and legs
- welt on the back
- adjustable hood

Acid-proof hood model 412/C

Material: PVC/Polyester
Plavitex acid

Weight: 480 g/m²

Size: 48-62

Colour:

Norms:
- EN ISO 13688
- EN EN 14605

Specific features:
- for use with jacket and trousers
- increased durability of seams
- press stud fastening with placket
- additional protection for head and shoulders

Multi-norms
clothing

PROS

Multi-norms jacket model 500A

Material: PVC/Cotton
Plavitex multi

Weight: 540 g/m²

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5
- EN ISO 20471
- EN ISO 14116
- EN 13034

Specific features:
- reflective tapes
- fastening with concealed press studs
- increased durability of seams
- adjustable hood
- two pockets with patches

Multi-norms coat model 506A

Material: PVC/Cotton
Plavitex multi

Weight: 540 g/m²

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5
- EN ISO 20471
- EN ISO 14116
- EN 13034

Specific features:
- increased durability of seams
- reflective tapes
- fastening with press studs with a placket
- stand-up collar and adjustable hood
- front pockets with patches

Multi-norms waist pants model 512A

Material: PVC/Cotton
Plavitex multi

Weight: 540 g/m²

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5
- EN ISO 20471
- EN ISO 14116
- EN 13034

Specific features:
- reflective tapes
- increased durability of seams
- elastic and cord at waist
- multifunctional use
- pocket openings on the sides

Multi-norms bibpants model 501A

Material: PVC/Cotton
Plavitex multi

Weight: 540 g/m²

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5
- EN ISO 20471
- EN ISO 14116
- EN 13034

Specific features:
- reflective tapes
- elastic suspenders
- increased durability of seams
- multifunctional use
- convenient clasp

Waist jacket model 282

aQuapros

Material: PU, carbon fiber, PES, modacrylic, cotton

aQuaAir MULTI

Weight: 300 g/m²

Waterproof: 20000 Pa

Breathability / vapor resistance: up to 25 Ret

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 61482-2
- EN ISO 11611
- EN ISO 11612
- EN 13034
- EN ISO 14116
- EN ISO 20471
- EN 1149-5
- EN 343

Specific features:
- adjustable hood with a stand-up collar
- inner pocket and spacious side pockets
- collar lined with fleece on the inside
- waist drawcord for better fit adjustment
- high-visibility color scheme

Jacket model 283

aQuapros

Material: PU, carbon fiber, PES, modacrylic, cotton

aQuaAir MULTI

Weight: 300 g/m²

Waterproof: 20000 Pa

Breathability / vapor resistance: up to 25 Ret

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 61482-2
- EN ISO 11611
- EN ISO 11612
- EN 13034
- EN ISO 14116
- EN ISO 20471
- EN 1149-5
- EN 343

Specific features:
- adjustable hood with a stand-up collar
- internal pocket
- spacious side pockets
- collar lined with fleece on the inside
- high-visibility color scheme

Waist jacket model 2821

aQuapros

Material: PU, carbon fiber, PES, modacrylic, cotton

aQuaAir MULTI

Weight: 300 g/m²

Waterproof: 20000 Pa

Breathability / vapor resistance: up to 25 Ret

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 61482-2
- EN ISO 11611
- EN ISO 11612
- EN 13034
- EN ISO 14116
- EN ISO 20471
- EN 1149-5
- EN 343

Specific features:
- adjustable hood with a stand-up collar
- internal pocket
- spacious side pockets
- waist drawcord for improved fit
- collar lined with fleece on the inside

Jacket model 2831

aQuapros

Material: PU, carbon fiber, PES, modacrylic, cotton

aQuaAir MULTI

Weight: 300 g/m²

Waterproof: 20000 Pa

Breathability / vapor resistance: up to 25 Ret

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 61482-2
- EN ISO 11611
- EN ISO 11612
- EN 13034
- EN ISO 14116
- EN ISO 20471
- EN 1149-5
- EN 343

Specific features:
- adjustable hood with a stand-up collar
- internal pocket
- spacious side pockets
- high-visibility color scheme
- collar lined with fleece on the inside

Bibpants model 284

aQuapros

Material: PU, carbon fiber, PES, modacrylic, cotton

aQuaAir MULTI

Weight: 300 g/m²

Waterproof: 20000 Pa

Breathability / vapor resistance: up to 25 Ret

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 61482-2
- EN ISO 11611
- EN ISO 11612
- EN 13034
- EN ISO 14116
- EN ISO 20471
- EN 1149-5
- EN 343

Specific features:
- adjustable suspenders
- elastic waistband
- three spacious pockets
- zippered ankle cuffs
- high-visibility color scheme

Bibpants model 2841

aQuapros

Material: PU, carbon fiber, PES, modacrylic, cotton

aQuaAir MULTI

Weight: 300 g/m²

Waterproof: 20000 Pa

Breathability / vapor resistance: up to 25 Ret

Size: 48-62

Fluo colour:

Norms:
- EN ISO 13688
- EN 61482-2
- EN ISO 11611
- EN ISO 11612
- EN 13034
- EN ISO 14116
- EN ISO 20471
- EN 1149-5
- EN 343

Specific features:
- adjustable suspenders
- elastic waistband
- three spacious pockets
- zippered ankle cuffs
- high-visibility color scheme

Thigh waders
and chest waders

PROS

Chest waders antistatic SBA01

Material: PVC/Polyester
Plavitex hd antistatic

Weight: 700 g/m²

Size: 39-48

Colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5
- EN ISO 20347 - FO O4 SR

Specific features:
- antistatic properties
- increased durability of seams
- comfortable inner pocket
- wellingtons permanently welded
- comfortable braces

Thigh waders antistatic WRA02

Material: PVC/Polyester
Plavitex hd antistatic

Weight: 700 g/m²

Size: 39-48

Colour:

Norms:
- EN ISO 13688
- EN 343
- EN 1149-5
- EN ISO 20347 - FO O4 SR

Specific features:
- antistatic properties
- increased durability of seams
- elastic fixing tapes
- high quality wellingtons
- resistance to bending in low temperatures

Warm trousers model KL09/SB

Material: Quilted insulation, double-sided

Weight: 120 g/m²

Size: 39-48

Colors:

Specific features:
- supplement to PROS waders
- protects against cold
- made of two types of materials
- premium-quality felt socks for added warmth
- adjustable, comfortable suspenders

Thermal warm trousers KL09/TI

Material: Quilted insulation double-sided with thermal membrane TERMOIZOL

Weight: 120 g/m²

Size: 39-48

Colors:

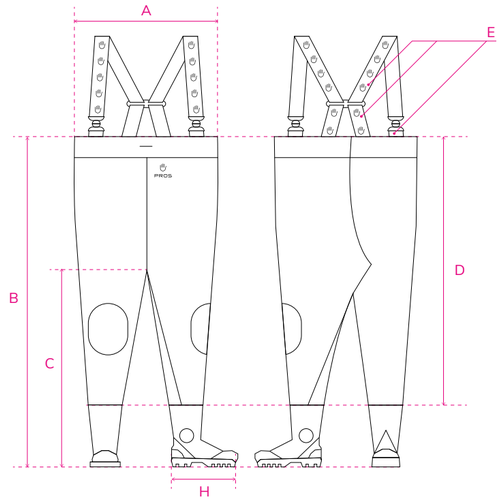
Specific features:
- supplement to PROS waders
- protects against cold
- made from thermally efficient fabric - Termoisol
- premium-quality felt socks for added warmth
- adjustable, comfortable suspenders

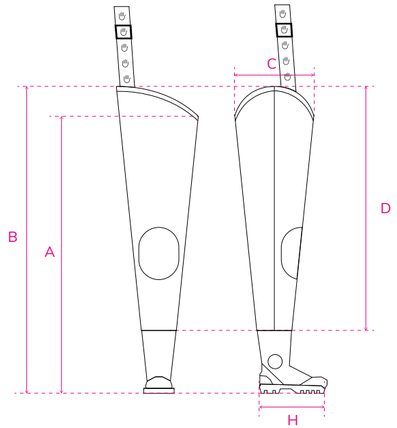
Informations
and charts

PROS

Clothing size chart

symbol	XS	S	M	L	XL	XXL	XXXL	XXXXL
size	48	50	52	54	56	58	60	62
height [cm]	158	164	170	176	182	188	194	200
chest [cm]	96-100	100-104	104-108	108-112	112-116	116-120	120-124	124-128
waist [cm]	86-90	90-94	94-98	98-102	102-106	106-110	110-114	114-118





Chest waders size chart

size	39	40	41	42	43	44	45	46	47	48	variation
A [cm]	60	60	60	63	63	66	66	66	66	66	±1 cm
B [cm]	137	137	137	143	143	146	146	146	146	146	±1 cm
C [cm]	92	92	92	96	96	100	100	100	100	100	±1 cm
F [cm]	75x2	75x2	75x2	75x2	75x2	75x2	75x2	75x2	75x2	75x2	±1 cm
H [cm]	24,9	25,7	26,7	27,3	28,3	29,1	30,2	30,9	31,6	32,5	±0,5 cm

Thigh waders size chart

size	39	40	41	42	43	44	45	46	47	48	variation
A [cm]	86	86	86	86	88	88	88	90	90	90	±1 cm
B [cm]	90	90	90	90	92	92	92	94	94	94	±1 cm
C [cm]	74	74	74	74	76	76	76	78	78	78	±1 cm

Materials type charts

Plavitex	Waterproof material with polyester backing, PVC coated on one side. It is characterized by tear resistance and waterproofness. The chemical composition of the coating guarantees resistance to adverse weather conditions, retaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa), which was confirmed in tests conducted by an accredited textile testing institute.
Plavitex acid	Waterproof material with polyester backing, coated with PVC. It is characterized by tear resistance and waterproofness. The chemical composition of the coating has acid-protective properties that guarantee resistance to adverse weather conditions, retaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa) and EN 14605, which was confirmed in tests conducted by an accredited textile testing institute.
Plavitex fluo	Waterproof material with polyester backing, PVC coated on one side. It is characterized by increased visibility as well as tear resistance and waterproofness. The chemical composition of the coating guarantees resistance to adverse weather conditions, retaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa) and EN ISO 20471, which was confirmed in tests conducted by an accredited textile testing institute.
Plavitex multi	Waterproof material with cotton backing, PVC coated on one side. It is characterized by increased visibility as well as tear resistance and waterproofness. The chemical composition of the coating has antistatic and flame-retardant properties and guarantees resistance to adverse weather conditions, retaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa), EN 1149-5, EN ISO 20471 and EN ISO 14116, which was confirmed in tests conducted by an accredited textile testing institute.
Plavitex antistatic	Waterproof material with polyester backing, PVC coated on one side. It is characterized by tear resistance and waterproofness. The chemical composition of the coating has antistatic properties and guarantees resistance to adverse weather conditions, retaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa) and EN 1149-5, which was confirmed in tests conducted by an accredited textile testing institute.
Plavitex heavy duty	Waterproof material with polyester backing, PVC coated on one side. It is characterized by increased tear resistance and waterproofness. The chemical composition of the coating guarantees exceptional resistance to adverse weather conditions, retaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa), which was confirmed in tests conducted by an accredited textile testing institute.
Plavitex hd antistatic	Waterproof material with cotton backing, PVC coated on one side. It is characterized by tear resistance and waterproofness. The chemical composition of the coating guarantees resistance to adverse weather conditions, retaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa), which was confirmed in tests conducted by an accredited textile testing institute.
Plavitex hd fluo	Waterproof material with polyester backing, PVC coated on one side. It is characterized by increased visibility as well as tear resistance and waterproofness. The chemical composition of the coating guarantees exceptional resistance to adverse weather conditions, retaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa), which was confirmed in tests conducted by an accredited textile testing institute.
Plavitex chemo	Waterproof material with polyester backing, coated with PVC. It is characterized by tear resistance and waterproofness. The chemical composition of the coating has acid-protective properties and guarantees resistance to adverse weather conditions, retaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa) and EN 13034, which was confirmed in tests conducted by an accredited textile testing institute.
Plavitex eco	Waterproof material with a polyester backing made from recycled yarn, coated on one side with PVC. It is characterized by tear resistance and waterproofness. The chemical composition of the coating guarantees resistance to adverse weather conditions, maintaining its properties at temperatures down to -50°C. The material meets the requirements of EN 343 (resistance to water penetration in the highest class 4 – at least 20000 Pa), as confirmed by tests conducted by an accredited textile testing institute.
PROVENDEX	Material on polyamide backing, coated on one side with polyurethane. It is characterized by resistance to tearing, adverse weather conditions and bending at temperatures down to -50°C.
RUBBER NEW GENERATION	A new concept of PVC-coated material. It is characterized by tear resistance and waterproofness. Meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa), which was confirmed in tests conducted by an accredited textile testing institute. No maintenance is required.
PU	Polyurethane film is characterized by high resistance to mechanical damage and high and low temperatures. The chemical composition of the material guarantees proper protection against the action of fats, detergents, weak acids, bases and organic liquids.
SEALSKIN	Material coated on one side with polyvinyl chloride. It is characterized by high tear and tensile resistance and waterproofness. The chemical composition of the coating is characterized by resistance to salt water and extreme weather conditions. The material retains its properties during use at low temperatures. Meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa), which was confirmed in tests conducted by an accredited textile testing institute.

opalo	Material coated on one side with polyvinyl chloride. It is characterized by high tear and tensile resistance and waterproofness. The chemical composition of the coating is characterized by high resistance to salt water and extreme weather conditions. The material retains its properties during use at low temperatures. Meets the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa), which was confirmed in tests conducted by an accredited textile testing institute.
GENUINE TEXTILE BRAND aquaproof basic	Waterproof material on polyamide backing, coated on one side with polyurethane. It is a low-weight, high-strength material to provide proper protection and comfort during heavy work. It is characterized by high elasticity, tear resistance and waterproof seams. The chemical composition of the coating guarantees exceptional resistance to adverse weather conditions and bending at temperatures down to -50°C. The material meets the requirements of EN ISO 13688 and EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa), which was confirmed in tests conducted by an accredited textile testing institute.
GENUINE TEXTILE BRAND aquaproof vision	Superbly protects not only against water and wind. Thanks to the use of fluorescent pigments, it makes the wearer more visible and safe in conditions of reduced visibility at night. The material meets the requirements of EN ISO 13688, EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa) and EN ISO 20471, which was confirmed in tests conducted by accredited textile testing institutes.
GENUINE TEXTILE BRAND aquaproof food	A material designed for the production of garments for the food industry. A properly selected blend of coating components guarantees resistance to the penetration of fats, enzymes, digestive juices and the action of acid and alkali solutions. The material meets the requirements of EN 1186, which was confirmed in tests conducted by an accredited textile testing institute.
GENUINE TEXTILE BRAND aquaproof sport	Waterproof material with a polyamide backing, coated on one side with polyurethane. This is a lightweight material with high strength properties, ensuring proper protection and comfort during demanding work. It is characterized by high flexibility, tear resistance, and waterproof seams. The chemical composition of the coating guarantees exceptional resistance to adverse weather conditions and bending at temperatures down to -50°C. The material meets the requirements of EN ISO 13688 and EN 343 (resistance to water penetration in the highest class 4 – at least 20000 Pa), as confirmed by tests conducted by an accredited textile testing institute.
aQuaAir	aQuaAir is a series of modern laminated breathable fabrics with the highest waterproofing and breathability parameters. These materials are used to produce a wide range of protective clothing and outdoor clothing used during work and outdoor activities. They meet the requirements of EN 343 (resistance to water penetration in the highest class 4 - water column pressure over 20000 Pa and high breathability), which was confirmed in tests conducted by an accredited textile testing institute.
aQuaAir REGULAR	aQuaAir REGULAR is a 2-layer fabric with lining and a waterproof breathable membrane. It meets the requirements of EN 343 standard (highest class 4 water penetration resistance – water column pressure exceeding 20000 Pa, and high breathability – highest class 4 water vapor resistance up to 15 R_{et} [M^2 Pa/W]), as confirmed in tests conducted by an accredited institute specializing in textile material research.
aQuaAir EASY SEE	aQuaAir EASY SEE is a 2-layer fabric with lining, a waterproof breathable membrane, and an outer fabric with fluorescent properties for high-visibility clothing. It meets the requirements of the EN 343 standard (highest class 4 water penetration resistance – water column pressure exceeding 20000 Pa, and high breathability – highest class 4 water vapor resistance up to 15 R_{et} [M^2 Pa/W]), as confirmed in tests conducted by an accredited institute specializing in textile material research.
aQuaAir MULTI	aQuaAir MULTI is a 3-layer fabric with lining, a waterproof breathable membrane, and a multifunctional outer fabric. The fluorescent-colored material is resistant to fire, convective heat, and other hazards encountered during welding, chemical work, and explosive environments. It meets the requirements of the EN 343 standard (highest class 4 water penetration resistance – water column pressure exceeding 20000 Pa, and high breathability – good class 3 water vapor resistance 17,35 R_{et} [M^2 Pa/W]), as confirmed in tests conducted by an accredited institute specializing in textile material research.
XT4L®	XT4L is a modern and technologically advanced material with a high class of waterproofness (30000 mm H20 = class 4 according to the EN 343 standard) and vapor permeability (6500g/m2/24h = class 4 breathability according to EN 343). The material consists of 4 layers (fabric - 100% polyester, hydrophobic microporous coating - 100% polyurethane, non-porous hydrophilic membrane - 100% polyurethane, mesh knit/combined lining - 100% polyamide), which provide excellent protection against water while removing moisture and excess heat.
TERMOIZOL	termoizol material has a special thermal coating with the ability to reflect and retain heat generated by the body. Thanks to the technology used, thermal insulation has been increased, which affects the comfort of use at low ambient temperatures. The innovative solution is based on a special metalized layer of flexible polyurethane coating with an admixture of silver, combined with a mesh polyester lining. This composition acts as a barrier that effectively reflects the heat energy generated by the body and allows it to be retained inside the clothing.

AJ Group Sp. z o.o.
ul. Bursztynowa 96, Modła Królewska, 62-571 Stare Miasto
tel./fax: +48 63 242-70-84, tel. +48 63 242-71-01
www.pros.pl