FIRE GROUP GEORGIA

"fire protection excellence, flexibility custom-made"

PERSONAL PROTECTIVE EQUIPMENT & INDUSTRIAL PRODUCTS

PPE · THERMAL PROTECTION · FIRE BLANKETS · INSULATION · CURTAINS

ANTISTATIK FLAME SUITS EN ISO 11612 EN ISO 11611	**FIREFIGHTER SUITS & PPE** EN 469:2005 EN 659 / EN 15090	**ALUMINIZED PROXIMITY** EN 1486 Para-Aramit/Preox	**FIRE & WELDING BLANKETS** TS EN 1869 1800 degC Rated
FIRE & SMOKE CURTAINS 1000 degC / 270 min Automatic Descent	**VALVE JACKETS & INSULATION** Klevostar System 10 yr / 20 yr Guarantee	**EXPANSION BELLOWS** Textile Compensators Multi-layer	**RESCUE EQUIPMENT** Search Stretcher Aluminized Belt

CERTIFICATIONS

EN ISO 11612 | EN ISO 11611 | EN 469:2005 | EN 659 | EN 15090 | EN 1486 | EN 1149-5 | CE / OEKO-TEX

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EDITION 1 - 2024

ANTISTATIK FLAME-RESISTANT WORK CLOTHING — PROJACKET®

The **ProJacket® Antistatik Alev Almaz** range of flame-resistant work clothing is certified to the highest European standards for heat, flame and electrostatic protection. Available as jacket + trousers set or full coverall. Tested to **OEKO-TEX Standard 100** — free from harmful substances.

ANTISTATIK FLAME-RESISTANT SUIT — JACKET & TROUSERS / COVERALL

- Heat and flame protection: EN ISO 11612 A1+A2 B1 C1 F1
- Welding splatter protection Class 2 (highest): EN ISO 11611 Class 2 A1+A2
- Antistatic — prevents electrostatic charge build-up: EN ISO 1149-5
- Flame-resistant zip, flame-resistant reflective tape, flame-resistant velcro, 100% aramid sewing thread
- Available sizes: S, M, L, XL, XXL, 3XL
- CE certificate from independent accredited European body
- Tested to OEKO-TEX Standard 100 — no harmful substances

Additional Fabric Properties (PROJACKET®):

Arc Flash	Thermal electric arc protection: EN 61482-1-2 Class 1 (4kA)
Molten Metal	Molten metal splatter protection Class E3 (highest): EN ISO 11612 E3

Fabric Test Results

Test	Standard	Warp Direction	Weft Direction
Tensile Strength	ISO 13934-1	>1600 N	>1100 N
Tear Strength	ISO 13937	>35 N	>25 N

FIREFIGHTER STRUCTURAL SUITS — EN 469:2005 LEVEL 2

Firefighter suits are specifically designed for fire-fighting and emergency rescue operations. Manufactured to **EN 469:2005+A1:2006+AC:2006** — the European Standard specifying minimum performance levels for protective clothing worn during firefighting and associated rescue. **Level 2** — the highest performance tier — requires a moisture barrier.

FIREFIGHTER SUIT — JACKET & TROUSERS (EN 469 LEVEL 2)

- Standard: EN 469:2005+A1:2006+AC:2006
- Outer Shell: Meta-aramid + Para-aramid + Antistatic fibre fabric
- Moisture Barrier: Nonwoven Aramid / Melamine + PU membrane
- Heat Barrier: Nonwoven Aramid
- Inner Lining: Aramid + Viscose FR
- Level 2 — highest performance class; moisture barrier included
- Safe and comfortable for heat and flame-exposed firefighting personnel

FIREFIGHTER HELMET

FIREFIGHTER HELMET — EN ISO 443:2008

- Flame-resistant composite outer shell — impact, heat and pressure resistant
- Photoluminescent feature for maximum night visibility
- Removable panoramic visor — scratch and fog resistant polycarbonate
- Scratch and fog resistant goggle eyeshield included
- Leather neck/nape protector included
- High temperature resistance: 1000 degC in 10 seconds; 250 degC sustained 30 minutes
- Mechanical resistance to impact and penetration
- Electrical insulation: E2/E3
- Weight (incl. visor and nape protector): 1300 g
- Head size adjustment system: 52–64 cm
- Certifications: EN ISO 443:2008; EN 166:2001; EN 14458:2004; MED

FIREFIGHTER GLOVES, BOOTS & HOOD

FIREFIGHTER GLOVES — EN 659

- Heat and water resistant construction
- High burn resistance
- Ergonomic design — long cuff or short cuff, 5-finger
- 3-layer construction — materials specified per layer
- 100% aramid sewing thread throughout
- Garment clip attachment on glove body
- 5 cm wide reflective strip at wrist
- Wrist adjustment buckle
- Certified: EN 659 — CE certificate from independent accredited European body

FIREFIGHTER BOOTS — EN 15090

- Specially processed fire-resistant rubber upper
- Abrasion-resistant cotton-blend lining
- Steel toe cap and steel midsole
- HRO sole: heat, oil and petroleum-resistant; antistatic and non-slip
- Pull-on handles for easy donning
- Colour: Yellow / Black
- Certified: EN 15090 — CE certificate from independent accredited European body

FIREFIGHTER FLAME-RESISTANT KNIT HOOD — EN 13911

- Designed for firefighting, forestry and all duties where heat/flame spread is a risk
- Heat and flame contact resistant; non-melting protective knit hood
- Two-layer construction: heat-resistant aramid fibres + flame-resistant viscose blend
- Elastic — easy to put on and remove
- 100% aramid sewing thread
- Flexible seams — no seam discomfort to wearer
- Colour: Navy blue
- Certified: EN 13911 — CE certificate from independent accredited European body

SCBA RESPIRATORY SET — EN 137

- 1. Positive pressure full face mask (EN 136)
- 2. Carrying plate — high pressure regulator, carbon composite backplate, manometer, harnesses, early warning system
- 3. Air cylinder: 6 litre / 300 bar steel cylinder
- 4. Demand valve
- Certified to EN 137 — Self-Contained Breathing Apparatus standard

FIREFIGHTER RAINCOAT — EN 343 / EN 471

FIREFIGHTER RAINCOAT (YA■MURLU■U)

- Fabric: PVC/cotton blend
- Antistatic: EN 1149-5
- Grey reflective tape for visibility in all conditions
- High-frequency double-welded seams for waterproof integrity
- External pockets welded to garment body
- Colour: Orange
- Certifications: EN 343, EN ISO 14116, EN 1149-5, EN 471

ALUMINIZED FIRE PROXIMITY (APPROACH) SUIT — EN 1486

Designed specifically for fire intervention operations at very high levels of radiant, convective and contact heat. The three-layer aluminized system provides maximum protection at the fireground. Certified to **EN 1486**.

Layer System:

Outer Layer	Aluminized glass-fibre fabric
Heat Barrier	Aramid (nonwoven)
Inner Layer	Flame-resistant fabric

ALUMINIZED PROXIMITY SUIT — FULL SET

- All parts manufactured from the same three-layer system as the suit body
- Jacket: compatible with SCBA inside; front zip with velcro flap
- Hood: detachable from jacket; panoramic visor; protects neck, chest and shoulders
- Trousers: adjustable braces; elasticated cuffs
- Gloves: 5-finger; same layer system as suit
- Overboots: firefighter boot (EN 15090 / EN 20345) with aluminized cover included
- Certified: EN 1486

ALUMINIZED PARA-ARAMIT & PREOX PRODUCTS

Used in iron & steel, aluminium and other high-radiant-heat industrial environments to protect personnel from heat stress in front of furnaces and casting pots. Full range of aluminized protective garments for industrial heat protection.

Aluminized Para-Aramit / Preox product range includes:

- Full aluminized suit (jacket + trousers)
- Long aluminized coat
- Aluminized apron

- Aluminized sleeve protectors
- Aluminized boot/spat covers
- Aluminized hood / face shield
- Aluminized gloves — 5-finger and mitten types
- Available in standard and custom sizes on request

FIRE BLANKETS — TS EN 1869

ProJacket Fire Blankets are manufactured to **TS EN 1869** standard and certified by independent accredited bodies. Made from asbestos-free glass-fibre fabric. Supplied in wall-mountable carrying pouch for instant access.

PROJACKET FIRE BLANKET — GLASS-FIBRE

- Manufactured from imported plain-weave glass-fibre fabric — asbestos-free
- Extinguishes small fires by cutting oxygen contact with burning area
- Handle loops at both ends — user can open easily while keeping hands protected
- Handle pockets on all edges for escape use or for throwing onto flames
- Supplied in wall-mountable carrying bag for instant emergency access
- Applications: throwing over initial flames; wrapping person escaping fire; protecting equipment
- Suitable for: factories, laboratories, hotels, hospitals, schools, fuel stations, restaurants, vehicles, offices
- Standard: TS EN 1869 | Certified by independent accredited body

Fire Blanket Sizes

Size	Dimensions
Small	100 x 100 cm
Medium	120 x 120 cm or 120 x 180 cm
Large	150 x 180 cm

WELDING BLANKETS — 1800 degC RATED

INDUSTRIAL WELDING BLANKET

- Protects equipment and surfaces from heat and flame during welding, slag, spark and grinding operations
- Prevents damage from sparks and spatter
- Reusable — multiple uses without degradation
- Temperature resistance: up to 1800 degC
- Asbestos-free and amyant-free
- Unlimited shelf life
- Bull-ring eyelets, perforated capsule or gasket available for hanging use
- Manufactured in any required size on request

Welding Blanket Application Areas:

- Power generation plants
- Paper factories
- Petroleum and petrochemical plants
- Tobacco factories
- Iron and steel plants

- Automotive paint industry
- Gas purification plants
- Cement factories
- Shipbuilding industry

FIRE & SMOKE CURTAINS — AUTOMATIC DESCENDING

ProJacket Fire and Smoke Curtains provide fixed and automatic curtain solutions for fire and smoke containment with flexible architectural integration. Resistant at **1000 degC** for up to 60, 120 or 240 minutes. Fabric weight: 400–750 g/m² | Resistance: up to 270 minutes.

FIRE & SMOKE CURTAIN — AUTOMATIC ROLL-DOWN SYSTEM

- Coated glass-fibre fabric — fire and flame resistant
- Fabric weight: 400–750 g/m² | Endurance: up to 270 minutes
- Fire resistance options: 60, 120 or 240 minutes at 1000 degC
- Automatic operation: curtain rolls down by gravity when motor power cut (24V DC motor)
- Fire alarm panel integration OR manual button activation
- Motor retracts curtain after incident — battery-backed control panel (maintenance-free)
- Available as single curtain up to 4 m width or multi-curtain linked flat, square or circular
- Can also be supplied as fixed (non-automatic) curtain

Application Areas:

- Atriums and lobbies
- Reception areas
- Glazed curtain wall facades
- Exit and emergency evacuation corridor compartmentation
- Open wall apertures
- Aircraft hangars
- Industrial factories and warehouses
- Lift doors and lift lobbies
- Stairways and escalators
- Shopping mall retail units
- Alternative to fire doors and shutters

EXPANSION BELLOWS & MULTI-LAYER TEXTILE COMPENSATORS

HIGH-TEMPERATURE EXPANSION BELLOWS

- Key component in many industrial production processes
- Material selection critical for performance, longevity and low cost of ownership
- Applications: chemical processing, power generation, metallurgy and mineral processing, waste incineration
- Custom sizes and materials available on request

MULTI-LAYER TEXTILE COMPENSATORS

- Flexible connectors used to absorb duct movement and vibration from temperature changes
- Absorbs multi-directional movement over short distances — advantage over metallic compensators
- Corrosion resistance: wide material range from elastomers to fluoroplastics
- Noise and vibration damping — superior to metallic compensators
- Economic design: fewer compensators needed for multi-directional movement
- No gasket required — most joints welded or single-piece flanged
- Rapid replacement — short installation time; minimises production downtime
- Three types available: Textile, Rubber and Metallic compensators

Compensator Application Areas:

Power stations, fossil fuel plants, gas turbines, cogeneration plants, nuclear power plants, paper factories, oil refineries, petrochemical plants, iron & steel plants, foundries, melting furnaces, cement factories, fertiliser plants, brick and lime kilns, shipbuilding, food industry, pharmaceutical factories, tobacco factories, glass factories, automotive paint industry, gas purification plants.

KLEVOSTAR — REMOVABLE INSULATION PILLOW SYSTEM

The Klevostar Removable Insulation Pillow System is the preferred insulation solution for turbines, machines and equipment. Insulation cushions made from high-temperature resistant, low thermal conductivity materials are wrapped around equipment like a fitted coat — sealing all heat escape paths. Easy removal for maintenance, then reinstated rapidly.

Advantages of Klevostar Removable Insulation:

- Insulation life equals material life — reusable when removed
- Far easier installation and removal than fixed insulation
- Fast commissioning for turbine and machine insulation — homogeneous insulation characteristics
- Reduced heat loss compared to fixed insulation
- Applicable in difficult-to-insulate areas
- No maintenance required — operates reliably for many years
- Long-term economical and efficient solution
- Materials with low conductivity coefficient deliver high-efficiency heat insulation

VALVE JACKETS (VANA CEKET■) — PROJACKET INSULATION

Valves require maintenance so removable jacket-type insulation is preferred over fixed insulation. ProJacket Valve Jackets reduce energy loss from hot pipelines by up to **90%**. The insulation jacket pays back its cost rapidly and then generates ongoing savings. **10-year jacket guarantee | 20-year insulation material guarantee.**

PROJACKET VALVE INSULATION JACKET

- Insulation material: Aspen Aerogel nano-porous hydrophobic insulation
- 0 degC–200 degC range: Cryogel X201 | 200 degC–650 degC range: Pyrogel XT
- Fabric: 80–100 g silicone-coated glass-fibre fabric
- Thread: Kevlar or stainless steel wire thread depending on temperature
- Collar ties: braided high-temperature glass-fibre cord
- 2–4x thinner than conventional insulation materials — compact, easy install
- Maintains thermal performance under pressure | Water and moisture resistant
- Up to 90% energy saving | ProJacket jackets: 10 yr guarantee | Insulation material: 20 yr guarantee
- Thermal camera imaging available to demonstrate performance

Valve Jacket & Pipe Insulation Applications:

- Hot water and steam lines
- Petrochemical plants
- Food and oil factories
- Plastic factories
- Pharmaceutical plants
- Generator insulation | Heat exchangers | Chiller insulation | Boiler insulation
- Refineries and gas plants
- Defence and military equipment
- Textile factories
- Oil and gas processing
- Ship boiler rooms | Motor exhaust lines | Turbine insulation
- Building heating/cooling installations

HEAT & TEAR RESISTANT GLOVES — ISIYA DAYANIKLI ELDİVEN

HEAT AND TEAR RESISTANT GLOVES — INDUSTRIAL RANGE

- Six glove types for different industrial heat protection levels
- Aluminized gloves for radiant heat environments
- Leather palm gloves for contact heat and welding
- Long-cuff sleeve protectors for forearm and wrist protection
- Aluminized long-cuff version for extreme radiant heat
- Suitable for: steel plants, foundries, furnace operations, welding, glass manufacturing

ALUMINIZED SAFETY BELT & SEARCH AND RESCUE STRETCHER

ALUMINIZED BELT (ALÜM■N■ZE KEMER)

- Aluminized heat-reflective safety belt for firefighter and industrial use
- Protects against radiant heat in proximity fire operations
- Compatible with standard firefighter suit and proximity suit
- Available in multiple configurations

SEARCH AND RESCUE STRETCHER (ARAMA KURTARMA SEDYES■)

- Allows vertical or horizontal casualty transport in confined spaces
- Compatible with all standard spine boards
- 8 carrying handles total — 4 on each side
- Integrated head immobiliser attached to body
- Supplied complete with lifting columns and carabiners
- Dimensions: 100 cm W x 195 cm L x 4 cm H
- Carrying capacity: 150 kg | Weight: 4.5 kg

CONTACT & COMPANY INFORMATION

FIRE GROUP GEORGIA

PPE & Industrial Products | Fire Extinguishers | Detection | Suppression

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Fire Group Georgia reserves the right to make technical changes without prior notice. All PPE must be used in accordance with the relevant EN standards and local regulations. Custom sizes and configurations available on request. Full documentation, fitting and training service available.

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