

FIRE GROUP GEORGIA

"fire protection excellence, flexibility custom-made"

FIRE EXTINGUISHERS, EQUIPMENT & SAFETY GEAR

COMPLETE PRODUCT CATALOGUE

DRY POWDER ABC

TS 862 EN-3
Portable & Trolley

FOAM EXTINGUISHERS

TS 862 EN-3
6–50 kg

CO₂ EXTINGUISHERS

TS 862 EN-3
2–10 kg

WATER SYSTEM EQUIPMENT

Valves / Hydrants
Hoses / Nozzles

PERSONAL SAFETY PPE

Respiratory / Suits
Helmets / Gloves

FIRST AID & TRAFFIC

First Aid Kits
Traffic Safety

STANDARDS & CERTIFICATIONS

TS 862 EN-3

ISO 9001

A1/7114

EN 531

EN 340

TS 2821/1

TS 671/1

CE

DRY POWDER (ABC) FIRE EXTINGUISHERS — PORTABLE

All dry powder extinguishers are manufactured to **TS 862 EN-3** standard for general purpose portable fire extinguishers. Body formed from A1/7114 quality sheet metal with gas metal arc welding, brass trigger valve assembly, imported manometer, imported ABC extinguishing agent, 18 bar working pressure, 0.70 micron electrostatic paint and special mounting strap.

ABC DRY POWDER — PORTABLE HANDHELD (C001–C006)

- A1/7114 quality sheet metal body | Gas metal arc welding
- Brass trigger valve assembly | Imported manometer
- Imported ABC extinguishing agent | 18 bar working pressure
- 0.70 micron electrostatic paint | Special mounting strap
- Fire classes: A (solids), B (liquids/gases), C (electrical)
- Operating temperature: -30 degC to +60 degC
- Standard: TS 862 EN-3

CAPACITY	EMPTY WT (g)	AGENT WT (g)	TOTAL WT (g)	DISCHARGE (s)	PRESSUR E (bar)	FIRE CLASS	TEMP (°C)
1 kg ABC	1,200	1,000	2,200	6 sec	18	ABC	-30 / +60
2 kg ABC	2,050	2,000	4,050	8 sec	18	ABC	-30 / +60
9 kg ABC	4,830	9,000	13,830	12.5 sec	18	ABC	-30 / +60
12 kg ABC	6,200	12,000	18,200	18 sec	18	ABC	-30 / +60

ABC DRY POWDER — TROLLEY MOUNTED (C007–C009)

- Heavy-duty trolley frame for large-capacity extinguishers
- All the same build quality as portable range
- Ideal for industrial facilities, vehicle bays, warehouses, large open areas
- Fire classes: A, B, C | Operating temperature: -30 degC to +60 degC
- Standard: TS 862 EN-3

CAPACITY	EMPTY WT (g)	AGENT WT (g)	TOTAL WT (g)	DISCHARGE (s)	PRESSUR E (bar)	FIRE CLASS	TEMP (°C)
12 kg ABC (Trolley)	6,200	12,000	18,200	18 sec	18	ABC	-30 / +60
25 kg ABC	22,800	25,000	47,800	60 sec	18	ABC	-30 / +60
50 kg ABC	34,600	50,000	84,600	80 sec	18	ABC	-30 / +60

ABC DRY POWDER — EXPLOSION-PROOF / SPECIAL BODY (C010–C011)

- C010: 1 kg — compact handheld unit for vehicle/office use
- C011: 6 kg internal explosion-protected (■çten Patlamal■) design
- All standard ABC dry powder features apply
- Standard: TS 862 EN-3

CAPACITY	EMPTY WT (g)	AGENT WT (g)	TOTAL WT (g)	DISCHARGE (s)	PRESSUR E (bar)	FIRE CLASS	TEMP (°C)
1 kg ABC (C010)	1,200	1,000	2,200	6 sec	18	ABC	-30 / +60
6 kg ABC (C011)	3,370	6,000	9,370	10 sec	18	ABC	-30 / +60
12 kg ABC (C011)	6,200	12,000	18,200	18 sec	18	ABC	-30 / +60

FIRE CLASS REFERENCE — ABC COVERAGE

ABC dry powder extinguishers are effective on all three primary fire classes:

CLASS A — SOLIDS	CLASS B — LIQUIDS & GASES	CLASS C — ELECTRICAL
Wood, paper, cardboard Textiles, garments, fabrics Rubber and cellulose Plastics Office and home furniture Curtains and home textiles	Petrol, benzol, diesel Varnish, paints, thinner Acetone, paraffin, asphalt Cooking and industrial oils Alcohol, glue	Electrical cables Electrical transformers Power supply units Data processing equipment Electronic home appliances Household electrical devices

FOAM (KÖPÜK) FIRE EXTINGUISHERS — TS 862 EN-3

Foam extinguishers are effective on Class A (solids) and Class B (flammable liquids) fires. They work by smothering the fire and cooling the fuel surface. Operating temperature: **+5 degC to +50 degC** — not suitable for sub-zero environments. Standard: TS 862 EN-3.

FOAM EXTINGUISHERS — PORTABLE & TROLLEY (C013–C017)

- A1/7114 quality sheet metal body | Gas metal arc welding
- Brass trigger valve assembly | Imported manometer
- Foam extinguishing agent | 18 bar working pressure
- 0.70 micron electrostatic paint | Special mounting strap
- Fire classes: A and B only (NOT suitable for Class C electrical fires)
- Operating temperature: +5 degC to +50 degC | Standard: TS 862 EN-3

CAPACITY	EMPTY WT (g)	AGENT WT (g)	TOTAL WT (g)	DISCHARGE (s)	PRESSURE (bar)	FIRE CLASS	TEMP (°C)	FOAM (L)
6 kg Foam	3,370	6,000	9,370	10 sec	18	AB	+5 / +50	6
9 kg Foam	4,830	9,000	13,830	12.5 sec	18	AB	+5 / +50	9
12 kg Foam	6,200	12,000	18,200	18 sec	18	AB	+5 / +50	12
25 kg Foam	22,800	25,000	47,800	60 sec	18	AB	+5 / +50	25
50 kg Foam	34,600	50,000	84,600	80 sec	18	AB	+5 / +50	50

CO₂ (CARBON DIOXIDE) FIRE EXTINGUISHERS — TS 862 EN-3

CO₂ extinguishers discharge clean carbon dioxide gas — leaving no residue. Ideal for electrical equipment, server rooms, laboratories and precision machinery. Effective on Class A and B fires. Working pressure: 50 bar. The horn-shaped discharge nozzle prevents frost burns to the operator. Standard: **TS 862 EN-3 Portable Fire Extinguishers — Carbon Dioxide.**

CO₂ EXTINGUISHERS — PORTABLE & TROLLEY (C018–C020)

- A1/7114 quality sheet metal body | Gas metal arc welding
- Brass trigger valve assembly | Imported manometer
- CO₂ extinguishing agent — clean, no residue
- 50 bar working pressure
- 0.70 micron electrostatic paint | Special mounting strap
- Horn-type discharge nozzle — prevents operator frost burns
- Fire classes: A and B (ideal for electrical/electronic equipment)
- Operating temperature: -30 degC to +60 degC | Standard: TS 862 EN-3

CAPACITY	EMPTY WT (g)	AGENT WT (g)	TOTAL WT (g)	DISCHARGE (s)	PRESSURE (bar)	FIRE CLASS	TEMP (°C)
2 kg CO ₂	6,000	2,000	8,000	6 sec	50	AB	-30 / +60
5 kg CO ₂	14,500	5,000	19,500	15 sec	50	AB	-30 / +60
10 kg CO ₂	28,000	10,000	38,000	30 sec	50	AB	-30 / +60

EXTINGUISHER SELECTION GUIDE

Use the table below to choose the correct extinguisher type for each environment:

Environment	Recommended Type	Key Reason
Office / computer room	CO ₂	Clean — no damage to electronics
Kitchen / cooking area	Foam or ABC	Covers cooking oils (Class B) and solids
Warehouse / factory	ABC trolley 25–50 kg	High capacity for large fire risk
Vehicle / car park	ABC 2–6 kg	Compact, Class A/B/C coverage
Server / data room	CO ₂ 5–10 kg	Clean agent, no powder residue
Fuel storage / forecourt	Foam 9–25 kg	Smothers liquid fuel fires
Electrical switchroom	CO ₂	No conductive residue
General commercial	ABC 6–9 kg	All-round A/B/C coverage

WATER SYSTEM FIREFIGHTING EQUIPMENT — TS 671/1

Fire Group Georgia supplies a full range of water-based firefighting system components certified to **TS 671/1** and **TS 2821/1** standards. All valves rated to 24 bar strength with 6 bar suction coupling and 12 bar compression coupling working pressure.

GERMAN TYPE VALVE (ALMAN TYP VANA)

- Opening and closing torque: 3–5 Nm
- Suction coupling working pressure: 6 bar
- Compression coupling working pressure: 12 bar
- Strength: 24 bar
- Standard: TS 671/1

ITALIAN TYPE VALVE (ITALYAN TYP VANA)

- M58 die casting body | 59% copper, 39% zinc alloy
- High-tech CNC machining for precision tolerance
- Opening and closing torque: 3–5 Nm
- Suction coupling working pressure: 6 bar
- Compression coupling working pressure: 12 bar
- Strength: 24 bar | Standard: TS 671/1

RECORD VALVE (REKOR)

- Keyless torque entry: 3–5 Nm
- Suction coupling working pressure: 6 bar
- Compression coupling working pressure: 12 bar
- Strength: 24 bar | Standard: TS 671/1

FIRE DEPARTMENT CONNECTION MOUTH (TFAYE BALANTI AZI)

- Connection size: 4" x 2.5" x 2"
- Aluminium water connector body
- Cast iron body and valve
- Double and single inlet water connection available
- Standard: TS 671/1

FIRE HYDRANT SYSTEM (YANGIN HADRANT SISTEM)

- Above-ground hydrant (Figure 1) and underground hydrant (Figure 2)
- Alternative size options available to suit any installation
- Standard: TS 2821/1
- Suitable for municipal water mains, building perimeter and site protection

LANCES, NOZZLES, FOAM EQUIPMENT & HOSES — TS 671/1

ALUMINIUM LANCE (ALÜMİNYUM LANS)

- Opening and closing torque: 3–5 Nm
- Suction coupling working pressure: 6 bar
- Compression coupling working pressure: 12 bar
- Strength: 24 bar
- Lightweight aluminium construction | Standard: TS 671/1

FOAM MELANJOR — FOAM PROPORTIONER (KÖPÜK MELANJÖRÜ)

- Foam proportioning rates: 1%–6% (adjustable)
- Aluminium water connector
- Cast iron body and valve
- Alternative options available
- Standard: TS 671/1

TURBO JET NOZZLE (TURBO JET NOZUL)

- Pistol-grip handle for superior operator comfort and control
- More effective firefighting with single-hand operation
- Gun-type lance design
- Can be left in open position, closed position, or fog/mist position
- At 12 bar: 35 m throw range | Flow rate: 500 L/min
- Alternative options available | Standard: TS 671/1

FOG NOZZLES / MIST HEADS (SİS BAĞLIKLARI)

- Three operating positions: open, closed and fog/spray
- At 12 bar: 35 m throw range | Flow rate: 500 L/min
- Suitable for cooling, exposure protection and Class A fire attack
- Standard: TS 671/1

Fire Hoses

RUBBER HOSES (KAUÇUK HORTUMLAR)

- Available sizes: 2" – 2.5" – 2 3/4" – 3" – 4"
- High-strength construction
- Pressure rated: 48 and 50 bar resistant
- Friction and break resistant
- Standard: TS 671/1

CLOTH HIGH-STRENGTH HOSES (YÜKSEK MUKAVEMETLİ BEZ HORTUMLAR)

- Available sizes: 2" – 2.5" – 2 3/4" – 3" – 4"
- High-strength woven outer jacket
- Pressure rated: 48 and 50 bar resistant
- Friction and break resistant
- Standard: TS 671/1

PERSONAL SAFETY EQUIPMENT — FIREFIGHTER PPE

Fire Group Georgia supplies professional firefighter personal protective equipment certified to EN 531 and EN 340 standards. All equipment is designed and manufactured for use in live fire operations and emergency response scenarios. Custom sizes and specifications available on request.

RESPIRATORY SET (SOLUNUM SET ■ / SCBA)

- 1. Positive pressure full face mask
- 2. Carrying plate — high pressure regulator, carbon composite backplate, manometer, harnesses, early warning system
- 3. Air tube / compressed air cylinder
- 4. Demand valve — positive pressure on inhalation
- Designed for use in immediately dangerous to life and health (IDLH) atmospheres
- Standard: EN 137 (SCBA) compatible | For firefighting, chemical incidents, confined space entry

HEAT AND FIRE RESISTANT PROTECTIVE SUITS

- Complies with EN 531 — protective clothing against heat and flame
- Parts of the dress made from flame-resistant material
- Clothing design, operating instructions, labels and body to EN 340 standard
- Does not contain harmful substances to human health or the environment
- Available in: proximity suit (aluminised), approach suit, structural firefighting suit
- Custom model and size manufactured on request

FIREFIGHTER HELMETS (■TFA■YEC■ BARETLER■)

- Professional firefighters helmet designed to firefighter recommendations
- Unique head protection structure — superior comfort and long service life
- High-tech, high-quality materials throughout
- Integrated visor and chin strap
- Available in standard firefighting and specialist variants

RESPIRATORY MASKS (MASKELER)

- Full-face gas mask — filters both gaseous and particulate contaminants
- Particulate filters: solid particles, smoke, welding gases, micro-organisms, radioactive particles
- Gas filters: protection against toxic gases and vapours
- Combined filters: protection against both gaseous and particulate hazards
- Suitable for: firefighting, chemical incidents, industrial hazards

FIREFIGHTER GLOVES (■TFA■YEC■ ELD■VEN■)

- Outer shell sewn with Kevlar thread for maximum durability
- Excellent protection against: heat, water, oil and chemicals
- Inner lining: heat-resistant Kevlar and sheep's wool
- Multiple models available for different risk levels
- Contact Fire Group Georgia for full model range

FIRST AID KIT & TRAFFIC SAFETY KIT

FIRST AID KIT (■LK YARDIM ÇANTASI)

- Adhesive wound tapes and wound pads (box of 10)
- 4 different types of bandages
- Elastic bandage 6cm x 100cm and 6cm x 200cm
- Sterile gauze compress: 30x40cm, 30x80cm, 10x10cm (52 layers)
- Sterile eye pads | Absorbent cotton
- Instant cold compress (large) | Textile tourniquet clip
- Antiseptic solution | Oxygenated water
- Resuscitation mask | Gloves | Safety pin | Tweezers | Scissors
- Durable orange case | Suitable for workplaces, vehicles and buildings

TRAFFIC SAFETY KIT (TRAF■K SET■)

- Designed and manufactured to comply with TÜVTÜRK vehicle inspection requirements
- Compatible with all domestic and imported vehicle makes and models
- Contents meet current vehicle inspection standards
- Includes warning triangle, reflective vest and emergency items
- Suitable for: cars, vans, trucks and commercial vehicles

TYPICAL APPLICATIONS

Industrial Facilities: ABC trolley extinguishers, foam for fuel areas, water system valves and hydrants, full PPE sets

Commercial Buildings: ABC portable 6–9 kg, CO■ for server rooms, fire hose reels, first aid kits at each floor

Hotels & Hospitality: ABC portable, foam for kitchen, CO■ for electrical rooms, PPE for fire wardens

Hospitals & Healthcare: CO■ clean-agent extinguishers, ABC portables, SCBA sets for fire teams

Schools & Universities: ABC portable 6 kg per floor, first aid kits, fire hose cabinets

Warehouses & Logistics: ABC trolley 25–50 kg, foam for flammable storage, full water system hookup

Vehicle Fleets: ABC 1–2 kg in-vehicle extinguishers, traffic kits, first aid kits

Fuel Stations: Foam 6–9 kg, ABC 9 kg backup, hydrant system, PPE gloves

Restaurants & Kitchens: Foam extinguisher for cooking oil class B fires, ABC backup, first aid kit

Construction Sites: ABC trolley, hydrant connection, full PPE including helmets and gloves

CONTACT & COMPANY INFORMATION

FIRE GROUP GEORGIA

Fire Extinguishers | Water Systems | PPE | Detection | Suppression

Address	Ilia Chavchavadze 44, Batumi, Georgia
Phone	+995 591 54 44 69
WhatsApp	+995 591 71 48 34
Emergency	+995 591 54 44 69
Email	firegroupgeorgia@gmail.com
Website	www.firegroupgeorgia.com

Fire Group Georgia reserves the right to make technical changes without prior notice. All fire extinguishers must be installed and maintained by a qualified fire engineer in accordance with local regulations. Full service, inspection and maintenance available.

EDITION 1 - 2024 | FIRE GROUP GEORGIA | EXTINGUISHERS, EQUIPMENT & SAFETY GEAR