

FIRE SAFETY

Range Guide



CONTENTS

UNDERSTANDING THE FIRE SAFETY ACT 2021	3	LITHIUM-ION BATTERY FIRE SAFETY	12
UNDERSTANDING FIRE EXTINGUISHER STANDARDS IN THE UK	4	WHAT HAPPENS DURING A LITHIUM-ION BATTERY FIRE?	13
UNDERSTANDING THE DIFFERENT CLASSES OF FIRE	5	PROACTIVE MEASURES FOR MANAGING LITHIUM-ION BATTERY FIRE RISKS	14
WATER FIRE EXTINGUISHERS	6	LITHIUM-ION BATTERY FIRE EXTINGUISHERS	15
FOAM FIRE EXTINGUISHERS	7	WHAT IS AVD?	15
POWDER FIRE EXTINGUISHERS	8	PYROFLOW™	17
CARBON DIOXIDE (CO2) EXTINGUISHERS	9	LITHSHIELD® BATTERY FIRE BLANKETS	18
UNDERSTANDING FIRE BLANKETS & THE RELEVANT SAFETY STANDARD	10	BATTERY CONTAINERS & BAGS	20
ESSENTIAL USES OF FIRE BLANKETS IN COMMERCIAL SETTINGS	11		

UNDERSTANDING THE FIRE SAFETY ACT 2021

The responsibility for fire safety in any premises is placed on the 'responsible person'. In a workplace, the 'responsible person' is defined as 'the employer'. For a premises which is not a workplace, it is defined as 'the person who has control of the premises' or 'the owner' of that premises.

Key responsibilities under the Fire Safety Act 2021

Employers and Business Owners	Building Owners and Landlords	Employees
Conduct regular fire risk assessments.	Ensure fire safety in common areas.	Participate in fire safety training.
Implement and maintain fire safety measures.	Coordinate with tenants for compliance.	Follow fire safety procedures.
Provide fire safety training to employees.	Conduct regular fire safety inspections.	Report fire risks to management.

What are the purposes of a Fire Risk Assessment:

- Identify fire risks.
- Determine who might be harmed.
- Evaluate risks and implement appropriate precautions.
- Record findings and share with others.
- Review and update regularly.

QUICK FACTS:

- Fire risk assessments are a legal requirement.
- Regular fire drills improve the speed of evacuation.






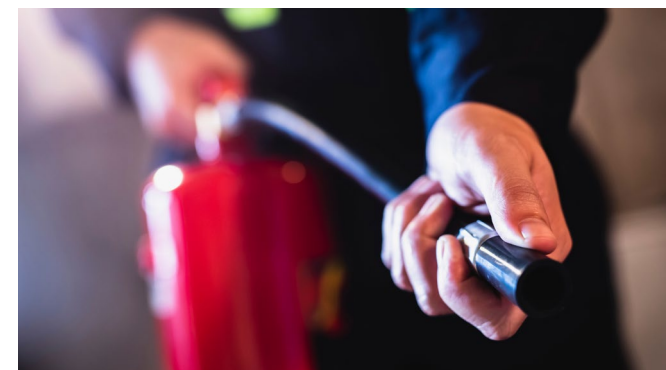
Adhering to the Fire Safety Act ensures a safe working environment for everyone. Legislation may change and/or be updated.

UNDERSTANDING FIRE EXTINGUISHER STANDARDS IN THE UK

Fire extinguishers are essential for fire safety in any environment. This page will help you understand the key standards and regulations that ensure the effectiveness and reliability of fire extinguishers in the UK.

Key standards & certifications

Name	What does it mean?	What does it look like?
BS EN 3	<p>Ensures products meet British safety and quality standards for portable fire extinguishers.</p> <p>Look out for the BSI Kitemark on fire extinguishers as a sign of reliability.</p> <p>LPCB-approved extinguishers provide added assurance of quality.</p>	
MER (Marine Equipment Regulation)	<p>Applicable for marine environments, ensuring extinguishers are suitable for a maritime environment.</p> <p>Crucial for businesses operating in or around water.</p>	
Pressure Equipment (Safety) Regulations 2016	<p>Essential for all pressurised vessels, including fire extinguishers.</p>	



DID YOU KNOW

- Fire extinguishers must be serviced annually to comply with UK regulations.
- The colour coding of fire extinguishers helps to quickly identify their type and use.

UNDERSTANDING THE DIFFERENT CLASSES OF FIRE







Knowing the different classes of fire is crucial for ensuring effective fire safety.

A fire is fundamentally sustained by four factors: heat, fuel, oxygen, and a chemical chain reaction. Heat provides the necessary energy for the fire to start and continue combustion. The fuel is the material that is being combusted, and oxygen is required to support the combustion process. Once combustion has started, a chemical chain reaction occurs, releasing enough heat to sustain the fire. Without intervention, a fire will continue burning until there is no more combustible fuel.

The role of a fire risk assessor, when they visit any site, is to analyse the environment, define and evaluate the potential fire risks and determine which fire classes those risks fall under. Once this has been done, they need to then ensure that the correct fire safety measures and equipment are in place to address each class of fire.

Fire classes are defined in BS EN 2:1992. We have produced a guide which contains the Fire Class definitions, alongside a set of recommendations of which types of fire extinguishers are suitable for the different fire classes.

Extinguisher quick reference guide

Extinguisher type	Class A	Class B	Class C	Class D	Class F	Electrical	Li Batteries
	 Fires involving carbon based materials such as wood, paper or textiles	 Fires involving flammable liquids such as petrol, diesel, oils etc	 Fires involving gases	 Fires involving flammable metals	 Fires involving cooking oil and fats	 Fires involving electrical equipment	 Fire involving Lithium-ion batteries
WATER	✓						
WATER MIST	✓				✓	✓ *	
POWDER	✓	✓	✓			✓	
POWDER				✓ **			
CO2		✓				✓	
WET CHEMICAL	✓	✓			✓ *		
FOAM	✓	✓				✓ *	
ABF FOAM	✓	✓			✓ *	✓	
LITH-EX	✓					✓ *	✓

*Final specification of fire extinguisher types for any risk must be based on the findings of a fire risk assessment conducted by a competent person. Many applications will require more than one extinguisher type dependent on the type of risk identified. Water Mist & Foam Extinguishers are only suitable for electrical equipment fire risks if they have passed the 35kV Dielectric Test in accordance with BS EN3.

**Specialist Powder extinguishers are required for flammable metal risks

WATER FIRE EXTINGUISHERS

Water fire extinguishers are a straightforward and effective solution for tackling certain types of fires.

How water extinguishers work

Water extinguishers work by cooling the burning material, which reduces the temperature and extinguishes the flames. The water soaks into the material, ensuring that the fire is fully extinguished and preventing re-ignition.

Benefits of water fire extinguishers

- Highly effective at extinguishing Class A fires quickly.
- Contains no harmful chemicals, making them safe for the environment and non-toxic to humans.
- Easy to operate, making them accessible for use by almost anyone without extensive training.

Safety and compliance

- Certifications: Ensure extinguishers carry BSI Kitemark, LPCB, MED/MER and CE/UKCA markings to guarantee compliance with safety standards.
- Dielectric Test: Water extinguishers are not recommended for use on electrical fires unless they have passed a dielectric test, which ensures they can be safely used on electrical equipment up to a certain voltage. This will be marked by a 'voltage' icon on the extinguisher.

Water fire extinguishers provide a simple and effective way to tackle Class A fires.



Article number	336-512	336-513
Capacity (l)	6	9
Fire Rating	13A	21A
Discharge Time (secs)	≥9s	≥9s
Working Pressure (bar)	12	12
Temperature Range (°C)	+5 to +60	+5 to +60
Product Height (mm)	535	600
Product Diameter (mm)	162	184
Filled Weight (kg)	9.3	13.7

FOAM FIRE EXTINGUISHERS

Foam fire extinguishers are an effective solution for tackling certain types of fires.

How foam extinguishers work

Foam extinguishers create a barrier between the fuel and the fire, smothering the flames and preventing re-ignition. In liquid fires, the foam forms a film over the burning material, cutting off the oxygen supply.

Benefits of foam fire extinguishers

- Can be used on both Class A and B fires.
- The foam blanket prevents the fire from reigniting by covering the flammable materials.
- Leaves less residue compared to some extinguisher types, making clean-up easier.

Safety and compliance

- Dielectric Test: Foam extinguishers are typically not recommended for electrical fires unless they have passed a dielectric test, which ensures they can safely be used on electrical equipment up to a certain voltage. This will be marked by a 'voltage' icon on the extinguisher.
- Certifications: Look for extinguishers with BSI Kitemark, LPCB, MED/MER and CE/UKCA markings to ensure compliance with safety standards.

Foam fire extinguishers provide a reliable and efficient way to tackle Class A and B fires.



Article number	336-760	336-761
Capacity (l)	6	9
Fire Rating	21A 144B 75F	21A 183B 75F
Discharge Time (secs)	≥15s	≥15s
Working Pressure (bar)	12	12
Temperature Range (°C)	+5 to +60	+5 to +60
Product Height (mm)	535	600
Product Diameter (mm)	162	184
Filled Weight (kg)	9.3	13.7

POWDER FIRE EXTINGUISHERS

Powder fire extinguishers are known for their versatility in tackling a variety of fires.

How powder extinguishers work

Powder extinguishers discharge a fine chemical powder that blankets the fire, cutting off the oxygen supply and interrupting the chemical reaction necessary for the fire to sustain itself.

Benefits of powder fire extinguishers

- Can be used on Class A, B, and C fires, as well as electrical fires.
- Quickly extinguishes fires, making them ideal for fast-developing fires.
- Suitable for various environments, including homes, vehicles, and workplaces.

Safety and compliance

- Dielectric Test: Powder extinguishers are effective on electrical fires, but they must pass a dielectric test to ensure safety. This will be marked by a 'voltage' icon on the extinguisher.
- Certifications: Ensure extinguishers carry BSI Kitemark, LPCB, MED/MER and CE/UKCA markings for guaranteed compliance with safety standards.
- Clean-Up: Powder extinguishers leave a residue that can be difficult to clean and may damage sensitive equipment. Consider this when recommending extinguishers for sensitive areas.

Powder fire extinguishers provide versatile and rapid fire suppression across various fire types.



Article number	336-765	336-767
Capacity (kg)	6	9
Fire Rating	34A 183B C	55A 233B C
Discharge Time (secs)	≥15s	≥15s
Working Pressure (bar)	14	14
Temperature Range (°C)	-30 to +60	-30 to +60
Product Height (mm)	525	570
Product Diameter (mm)	150	184
Filled Weight (kg)	8.9	13.3

CARBON DIOXIDE (CO2) EXTINGUISHERS

Carbon Dioxide (CO2) fire extinguishers are essential for tackling electrical and flammable liquid fires.

How CO2 extinguishers work

CO2 extinguishers work by displacing oxygen around the fire, suffocating the flames. The CO2 is stored as a liquid and expands into gas when released, cooling the surrounding area which further aids in extinguishing the fire.

Benefits of CO2 fire extinguishers

- Leaves no residue, making them safe for use on electrical equipment and reducing clean-up efforts.
- Safe to use on live electrical fires, reducing the risk of electric shock.
- Rapid suppression of flames, making them ideal for fast-developing fires.

Safety and compliance

- Certifications: Ensure extinguishers carry BSI Kitemark, LPCB, MED/MER and CE/UKCA markings for compliance with safety standards.
- Safety Precautions: Avoid using in confined spaces without adequate ventilation as CO2 can displace oxygen, posing a risk of asphyxiation.

Carbon Dioxide (CO2) fire extinguishers provide an efficient and clean solution for tackling electrical and flammable liquid fires.



Article number	336-768	336-770
Capacity (kg)	2	5
Fire Rating	34B	89B
Discharge Time (secs)	≥6	≥9
Working Pressure (bar)	60±5	60±5
Temperature Range (°C)	-30 to +60	-30 to +60
Product Height (mm)	575	750
Product Diameter (mm)	104	136
Filled Weight (kg)	6.5	14

UNDERSTANDING FIRE BLANKETS & THE RELEVANT SAFETY STANDARD

Fire blankets are essential safety devices for extinguishing small fires or for personal protection during evacuation.

How does a fire blanket work?

Most fire blankets are constructed from woven glass fibre, sometimes coated in another fire-resistant material to enhance the blanket's capabilities. A fire blanket works when it is spread over the flames of a fire, meaning it can smother it and prevent oxygen from reaching the fire. Because a fire blanket is constructed from fire-resistant materials, it can also be wrapped around a person to protect them from flames during evacuation.

The BS EN 1869 Standard

BS EN 1869:2019 is the primary standard for fire blankets in the UK. The standard specifies requirements for performance, testing, and labelling. The key requirements set out in BS EN 1869:2019 are that the fire blanket must effectively smother fires involving cooking oils and small Class A fires. It also sets out the minimum size and material specifications for fire blankets to ensure effectiveness.

Always look for Kitemark certification to BS EN 1869 to ensure compliance with safety standards.



Testing and certification

- Under BS EN 1869:2019, fire blankets undergo two types of testing.
- During this testing, the construction of the fire blanket is tested for resistance to tearing and fraying.
- The blanket is also tested for effectiveness at fire suppression and also how easy it is to deploy.

QUICK TIPS

- Keep fire blankets easily accessible in kitchens and near potential fire hazards.
- Watch out for cheap fire blankets with 'CE' marks. This mark can simply mean 'Chinese Export' and may have no relation to any quality standards at all!



Adhering to fire blanket standards ensures these crucial safety devices are effective when needed. Partnering with Firechief® Global, we can provide certified fire blankets to meet your safety needs.

ESSENTIAL USES OF FIRE BLANKETS IN COMMERCIAL SETTINGS

Fire blankets are versatile fire safety tools that can be used in various commercial applications to quickly extinguish small fires and protect individuals.

Hot works

A fire blanket can be used during activities such as cutting, grinding, and soldering to protect nearby flammable materials from sparks and hot debris from the hot works.

Benefits

- Reduces the risk of accidental fires during procedures that create high heat and sparks.
- Ensures compliance with safety protocols in construction and maintenance.

Welding

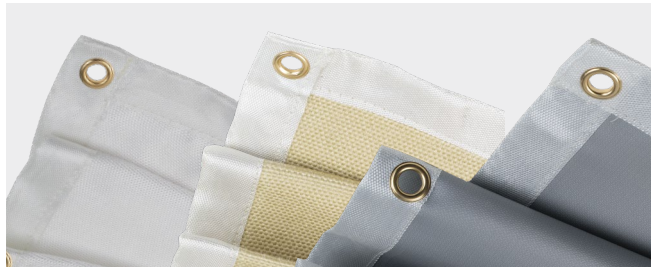
Similar to hot works, a fire blanket can be used when welding to shield equipment and surrounding areas from welding sparks. Having a fire blanket set out provides a protective barrier between flammable materials and welding activities.

Benefits

- Enhances safety by preventing accidental fires during welding.
- Contributes to a safer working environment in industrial settings.

Hot works welding blankets are available in different

grades, providing different levels of protection. The different grades of blankets are performance-rated to different temperature levels, with the highest-performing blankets being rated to 1000°C



Commercial kitchens

In this environment, a fire blanket can be used to extinguish cooking oil fires and small Class A fires. Having the right size of fire blanket in a commercial kitchen is essential for compliance with safety regulations in food preparation areas.

Benefits

- Provides quick and effective fire suppression.
- Prevents fire spread and ensures safety in high-risk environments.

Fire blankets are indispensable fire safety devices for various commercial applications, offering quick and effective fire suppression and protection.



Article number	325-353
Height (mm)	330
Width (mm)	180
Depth (mm)	46
Weight (kg)	1.73
Container Material	Moulded Plastic Rigid Case
Container Colour	Red
Cloth	K40 Woven Glass Fibre Cloth
Cloth Dimensions (m)	1.8 x 1.8
Guarantee (years)	5

LITHIUM-ION BATTERY FIRE SAFETY

Lithium-ion batteries are widely used in various devices but can pose significant fire risks if not handled properly or damaged.



Risks of lithium-ion batteries

- Batteries can overheat, catch fire, or explode due to manufacturing defects, damage, or improper charging.
- Fires involving lithium-ion batteries can release toxic gases, posing serious health risks.

Prevention measures

- Store batteries in a cool, dry place away from flammable materials.
- Use manufacturer-approved chargers and avoid overcharging.
- Check batteries for damage, swelling, or leaks regularly.
- If a battery catches fire, or displays signs of thermal runaway, you can take these immediate actions:
- Use appropriate fire extinguishers or fire blankets to try and control the fire if you are trained and it is safe to do so.
- If you feel the battery fire is too large or dangerous to control, evacuate the area and call emergency services.



Understanding and implementing lithium-ion battery fire safety measures are crucial for preventing fires and ensuring safety. Firechief® Global provides specialised extinguishers and safety products to manage lithium-ion battery risks effectively.

QUICK TIPS

- Be aware of toxic gases emitted during lithium-ion battery fires.
- Always dispose of batteries according to local regulations.

WHAT HAPPENS DURING A LITHIUM-ION BATTERY FIRE?

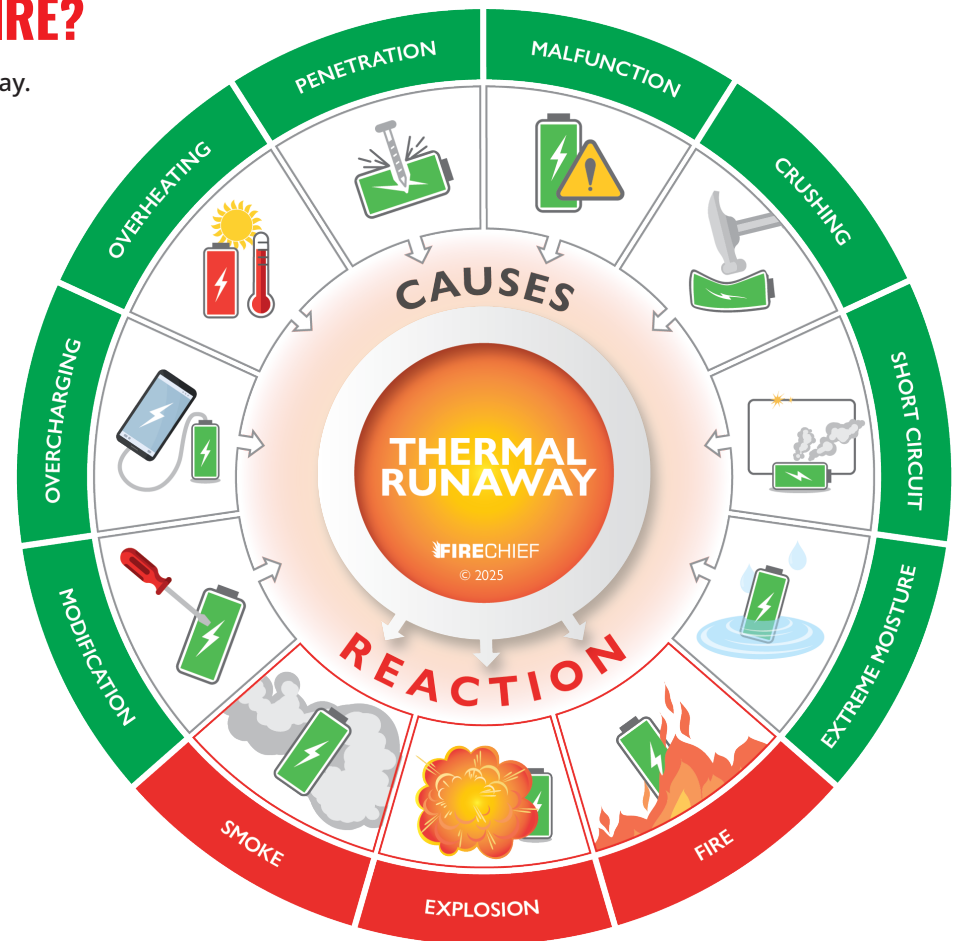
When a lithium-ion battery catches fire, it is part of a chemical reaction called thermal runaway.

Thermal runaway is the chemical process within the battery that produces heat and chemical gases before any flame appears.

These gases are not something you would want to be exposed to. They are vented from the cells as a vapour cloud and include:

- Hydrogen chloride
- Carbon monoxide
- Carbon dioxide
- Sulphur dioxide
- Hydrogen fluoride Hydrocarbons such as ethane, methane, butane, hydrogen cyanide

The diagram right shows you the potential causes of thermal runaway, as well as what happens during the process of thermal runaway



PROACTIVE MEASURES FOR MANAGING LITHIUM-ION BATTERY FIRE RISKS

Implementing safety protocols

Conduct regular risk assessments to identify potential hazards involving lithium-ion batteries.

Provide comprehensive training for employees on safe handling, charging, and storage of batteries.

Safe storage and handling

Store batteries in fire-resistant cabinets or containers and maintain a cool, dry environment to prevent overheating.

Avoid dropping or damaging batteries and use appropriate personal protective equipment (PPE) when handling large quantities of batteries.

Proper charging practices

Use manufacturer-approved chargers to prevent overcharging and overheating.

Implement supervised charging stations to monitor battery conditions and prevent accidents.

Emergency preparedness

Equip facilities with Lith-Ex extinguishers specifically designed for lithium-ion battery fires.

Develop and regularly practice evacuation plans to ensure quick and safe responses in case of fire.



Disposal and recycling

Follow local regulations for the disposal and recycling of lithium-ion batteries and use designated disposal containers to prevent accidental fires from discarded batteries.

By implementing these proactive measures, organisations can significantly reduce the risk of lithium-ion battery fires. Firechief® Global offers a range of solutions to help manage these risks effectively.

LITHIUM-ION BATTERY FIRE EXTINGUISHERS

What to use on lithium-ion battery fires

- ✗ Water**
When dealing with Lithium-Ion battery fires, water-based extinguishers will provide essential cooling effect, but they are not able to form a thermal barrier around the fire. When you run out of water/foam, you've run out of fire suppressing power. The battery forms its own flammable gases (including oxygen) and heat, and will re-ignite, burning until the cell fully discharges its energy.
- ✗ Powder**
Powder is completely ineffective, as it has no cooling effect, and will not cling to vertical surfaces of the cell. Please note that Lithium-Ion battery fires are NOT Class D fires.
- ✗ Foam**
Foam is designed to smother with a film on the surface of the fire, but the film will not survive the high temperatures reached in a Li-Ion fire. Same applies to Wet Chemical.

✓ **AVD**

AVD is, in brief, Vermiculite particles suspended in water, discharged in a fine mist to provide both cooling effect, and form a heat-proof barrier around the burning battery cell to prevent propagation and re-ignition. Vermiculite has very strong thermal insulation properties, and therefore prevents heat transfer from the burning cell to its surroundings. This means the chemical reaction is contained inside a heatproof cell so that external flames can be dealt with by the cooling effect of the water.



WHAT IS AVD?

Aqueous Vermiculite Dispersion (AVD) is a revolutionary fire extinguishing agent designed to stop Lithium-ion battery fires fast.



AVD is Aqueous Vermiculite Dispersion

- AVD is a stable suspension of vermiculite platelets with a D90 of 180 microns (0.18mm)
- AVD is non flammable and has excellent insulation properties
- It is approximately 17% Vermiculite / 83% water
- It has a viscosity of 3000 cPs, feels like double cream





What is Vermiculite?

- Vermiculite is a naturally occurring mineral (aluminium – iron – magnesium – silicate) that is mined all over the world
- It is non flammable and has excellent thermal insulation properties
- It is chemically and physically inert
- Vermiculite is exempt from REACH regulations

How does AVD work?

1. When the batteries go into thermal runaway they start to smoke
2. Eventually the cells rupture and release hot flammable gases
3. The AVD is applied as a mist and the water content knocks down the flames and cools adjacent cells
4. As the water is driven off, AVD forms a film over the cells, providing 3 functions:
 1. A thermal barrier
 2. An oxygen barrier
 3. An electrical barrier

What are the benefits of AVD?

AVD fire extinguishing medium has a number of key benefits over existing solutions:

- AVD is water-based, therefore, it extinguishes the fire and cools the cells
- AVD is film-forming and creates an oxygen barrier
- AVD encapsulates the fuel source to prevent re-ignition
- AVD electrically insulates and passed the Dielectric test
- AVD prevents the propagation of the fire
- AVD impacts on each element of the fire triangle



Article number	336-771	336-773	336-774	336-776
Capacity (l)	0.5	1	2	6
Fire Rating	N/a	3A	5A	13A
Discharge Time (secs)	Up to 90	14	28	75
Working Pressure (bar)	10.8	15	15	15
Temperature Range (°C)	+5/+50	+5/+60	+5/+60	+5/+60
Product Height (mm)	300	343	427	571
Product Diameter (mm)	65	85	110	162
Filled Weight (kg)	0.69	2.25	4.1	10.5

PYROFLOW™

Firechief® PyroFlow™ is an innovative fire suppression agent designed for use with lithium-ion batteries and flammable metals.

What is PyroFlow™?

PyroFlow™ is a mineral-based, environmentally friendly suppression agent made from expanded glass granulate. PyroFlow™ is available in two forms: PyroFlow™ Active (fine granulate) and PyroFlow™ Passive (coarse granulate).

How PyroFlow™ works

When applied to a fire, PyroFlow™ granules absorb heat and melt, forming a glass layer that cuts off oxygen and cools the fire. This process prevents re-ignition and contains the fire effectively, preventing propagation from the compromised battery cell to other battery cells.

Features of PyroFlow™

Made from 100% mineral-based, non-combustible materials, meaning it's safe for use in various environments without harming the ecosystem.

The glass granules absorb heat and melt to form an impermeable glass shell around the fire, encapsulating it and interrupting the process of thermal runaway.

PyroFlow™ technology offers advanced fire suppression for lithium-ion batteries and flammable metals, providing both active and passive fire protection solutions.

Applications of PyroFlow™

PyroFlow™ Active

Effective for fighting and suppressing lithium-ion battery fires and flammable metal fires. It's ideal for immediate fire suppression needs in industrial and commercial settings.

PyroFlow™ Passive

Used as a thermally stable packaging filler for lithium-ion batteries. Provides preventative fire protection by smothering and encapsulating batteries during thermal runaway incidents.



Article number	327-541	327-542
Grain size (mm)	1-4	0.25 - 0.5
Content weight (kg)	12	17
Bag material	Paper	Plastic
Bag dimensions (mm)	800(h) x 400(w) x 150(l)	800(h) x 400(w) x 150(l)

LITHSHIELD® BATTERY FIRE BLANKETS

Battery fire blankets are essential for managing the risks associated with lithium-ion battery fires.

Uses of battery fire blankets

Battery fire blankets are designed to contain and suppress fires caused by lithium-ion batteries.

Versatile applications

Suitable for use in various settings including homes, offices, data centres, and transport vehicles.

How battery fire blankets work

The blanket is draped over the burning battery, smothering the flames by cutting off the oxygen supply and absorbing heat. Battery fire blankets are made from fire-resistant materials that can withstand high temperatures.

Benefits of battery fire blankets

- Quickly contains and suppresses fires, preventing the spread and reducing damage.
- Simple to deploy, requiring minimal training for effective use.
- Lightweight and easy to store, ensuring quick access in emergencies.

Applications in various environments

- Ideal for offices, data centres, and workshops where large numbers of batteries are used and stored.
- Essential for vehicles carrying lithium-ion batteries, such as electric cars, bikes, and drones.



QUICK TIPS

- Store fire blankets in easily accessible locations near battery storage areas.
- Ensure all users are familiar with how to deploy the blanket.

Battery fire blankets are crucial for enhancing safety in environments where lithium-ion batteries are present. Their effective containment and suppression capabilities make them an indispensable part of fire safety protocols.

LITH SHIELD® LIGHT



Article number	324-267
Blanket size (m)	3x3
Bag dimensions (mm)	400 x 70 x 340
Performance temp (°C)	1000
Product weight (kg)	5.12

LITH SHIELD® TOUGH



Article number	324-266	597-262	324-269	324-271
Blanket size (m)	1.5 x 1.5	3x3	5x5	6x8
Bag dimensions (mm)	290 x 50 x 180	410 x 90 x 340	395 x 1110	395 x 1110
Performance temp (°C)	1300	1300	1300	1300
Product weight (kg)	1.4	6.2	14.6	29

BATTERY CONTAINERS & BAGS

Battery containers and bags are crucial for the safe storage, transport, and handling of lithium-ion batteries.

Fire-resistant containers

- Designed to insulate and isolate damaged batteries to contain and prevent the spread of fire.
- Equipped with flame arrestors and thermal shielding materials.
- Ideal for storing and transporting lithium-ion battery packs, fireworks, and flammable chemicals.

Battery carriers

- Robust construction with high-performance thermal textiles.
- Contains flame arrestors and secure closures for enhanced safety.
- Suitable for the safe transportation of specific battery models in logistics and industrial sectors.

Aluminium storage cases

- High temperature resistance and durable construction.
- Vented with flame arrestors for controlled pressure release.
- Perfect for storing and transporting batteries in various industries, including waste management, warehousing, and e-transportation.



QUICK TIPS

- Regularly inspect battery containers and bags for wear and tear.
- Ensure all users are trained in proper use and handling procedures.

Battery containers and bags are essential for the safe storage and transport of lithium-ion batteries. Their fire-resistant and durable design ensures maximum safety in various environments.



Article number	597-263
Internal Dimensions (mm)	350 x 225 x 400
External Dimensions (mm)	380 x 260 x 390



Article number	327-561	327-559
Extinguisher Size (ltr)	1	2
Dimensions (mm)	250 x 535 (Rolled)	250 x 535 (Rolled)
Weight (kg)	4.1	5.9

