

PYROFLOW^{MAX}

FIRE SUPPRESSION GRANULES

FIRECHIEF[®]

making the world a safer place

Mineral-based fire extinguishing agent for metal fires and Lithium-ion batteries

MODEL:
PFM4 (12.5KG)



- Can be used to fight and suppress fires in lithium-ion battery cells, combustible liquids and metals
- A mineral-based extinguishing agent that is non-toxic and eco-friendly
- Will effectively smother and suppress fires including those involving lithium-ion batteries
- Binds liquids and filters gases, making an ideal packing media for storing or transporting damaged or recycled batteries



Li Batteries

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firechiefglobal.com



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Firechief PyroFlow is a new and environmentally friendly extinguishing agent made from expanded glass granulate. It can be used for fire extinguishing and preventive fire protection. The small, lightweight spheres consist of foamed recycled glass with tiny pores on the inside, forming a partially closed cell structure. Since the granulate is 100 % mineral based, it is not combustible.

How does Firechief PyroFlow work?

By covering the fire load with Firechief PyroFlow, oxygen is suppressed and separated from the combustible material. Firechief PyroFlow melts like glass above a certain temperature. In the process, the granules absorb a lot of heat in the form of melting energy, thus cooling off the fire, and at the same time forming an impermeable shell around the fire load. This effectively prevents a reaction with oxygen.

USER GUIDE FOR FIRE EXTINGUISHING

- Step 1** - Only approach the battery/source of fire if considered safe to do so. Battery fires are unpredictable and can lead to uncontrolled explosions and projectiles.
- Step 2** - Place entire sealed bags of PyroFlow onto the battery/source of fire. Depending on the size of the fire, start by placing bags around the battery/source of fire, starting at the edge. Continue to add bags to completely cover the battery/source of fire.
- Step 3** - More bags may be required should further flaring or re-ignition occur.
- Step 4** - Do not uncover the fire until professional fire fighters are in attendance.

CAUTION

- Always follow the recommendations of a suitable and sufficient fire risk assessment.
- The use of suitable personal protective equipment is advised, including safety glasses and heat resistant/protective gloves. In situations resulting in high levels of dust concentration, the use of FFP2 particle filtered protective mask or similar is recommended.
- Protect against humidity in storage.
- Disposal - contact a specialist waste contractor. Avoid discharge to waste water.
- Avoid contact with eyes, skin and clothes.

FIRST AID MEASURES

- Inhalation: supply fresh air immediately. Seek medical attention if irritation to the respiratory tract persists.
- Skin contact: wash off with soap and water and rinse thoroughly.
- Eye contact: remove contact lenses. Hold eye open and rinse slowly and gently with water for 15-20 mins, including under the eye lid. Seek medical attention if necessary.
- Ingestion: clean mouth thoroughly with water and drink plenty of water (200-300ml) in small sips. Avoid vomiting. If symptoms arise and persist, seek medical attention.



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Scan for more information

Specifications

Model	PFM4
Product code	142-1003
Grain size (mm)	1-4
Content weight (kg)	12.5
Bag material	Paper
Bag dimensions (mm)	800(h) x 400(w) x 150(l)
Pallet qty	30 bags

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