9L HYDROGEL FIRE EXTINGUISHER - STORED PRESSURE - FOR LITHIUM BATTERY FIRES

https://www.securhit.com/en/fire-extinguishing/1242-extincteur-9l-hydrogel-pression-permanente-pour-feu-de-batterie-lithium.html

9L Hydrogel Fire Extinguisher Enhanced Protection Against Lithium Battery Fires



Description

The 9-litre stored-pressure hydrogel fire extinguisher is specially designed to fight fires involving lithium batteries, particularly in industrial, technological and electric mobility environments.
Thanks to its ready-to-use Hydrogel BM 048 solution, it acts by intensive cooling and smothering, forming a protective barrier that limits thermal propagation and reduces the risk of re-ignition.
Certified NF EN 3-7+A1 (February 2008), this extinguisher guarantees safety, reliability and regulatory compliance for optimal professional fire protection.

Technical characteristics:
- Extinguishing agent: Water + hydrogel additive
- Hydrogel solution: BM 048 ready to use
- Capacity: 9 litres
- Auxiliary gas: Nitrogen
- Pressure: Stored pressure 15 bar
- Fire rating: 21A
- Operating duration: 57.35 seconds
- Operating temperature: +5°C to +60°C
- Standard: NF EN 3-7+A1 (02/2008)
- Vehicle bracket: No

Special protection against lithium-ion battery risks
With the increasing use of lithium-ion powered equipment (electric vehicles, energy storage systems, industrial machinery), thermal runaway risks require adapted fire protection solutions.

The hydrogel works by:
- Rapidly reducing temperature
- Limiting thermal propagation
- Creating a durable protective barrier
- Decreasing the risk of re-ignition

Caractéristiques

- Volume : 9 L
- Norme : NF EN 3-7+A1 (02/2008)
- Classe de feu : 21A