

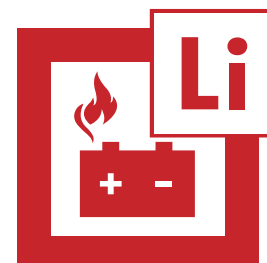
ASAPs LITHIUM FOAM EXTINGUISHERS

ASAPs has been specially developed for **PFAS-free extinguishing** of lithium-ion battery fires

The 6 and 9 liter version has successfully passed the NTA 8133 certification from KIWA. This is the most difficult test to demonstrate that the extinguisher is able to stop the thermal-runaway of an ignited lithium-ion battery.

ASAPs fire extinguishers are based on Hydrogel extinguishing agent. Hydrogel is an innovative fire extinguishing agent based on a revolutionary, new technology. The fire extinguishing mechanism of Hydrogel is based on temperature-controlled gel formation and a barrier for oxygen. The Hydrogel becomes thicker/more viscous as the temperature increases. The water present in the gel can thus cool the source of the fire effectively and in the right place. The Hydrogel even sticks to vertical parts and ceilings! The clay present in the gel ensures that, in addition to the cooling by the water, the oxygen supply is cut off from the fuel. The clay particles (small platelets) have an enormous surface area, which creates this barrier. One gram of clay can cover several football fields!

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ASAPs Extinguishers		2 liter	6 liter	9 liter	25 liter (trolley)	50 liter (trolley)
Fire Classes	Class A (solids)	5	13	21	Yes	Yes
	Class B (fats)	5	25	25		
	Lithium-Ion batteries	200 Wh	600 Wh (NTA 8133)	600 Wh (NTA 8133)	2500 Wh	5000 Wh
Agent		Hydrogel BMO ₄ 8	Hydrogel BMO ₄ 8	Hydrogel BMO ₄ 8	Hydrogel BMO ₄ 8	Hydrogel BMO ₄ 8
Propellant agent		Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen
Pressure at 20°C		14-15 bar	14-15 bar	14-15 bar	14-15 bar	14-15 bar
Extinguishing time		20-25 sec	35-40 sec	65-75 sec	160-180 sec	320-350 sec
Worp		2-3 meter	3-4 meter	3-4 meter	5-6 meter	5-6 meter
ECO info	Natural components content	99%				
	Carbon content	<0,7%				
	ECO-toxicity	Safe for humans, animals and plants				
	PFAS-content	Zero (<1 ppb)				
	Dangerous gasses formed during extinguishing by agent	None				
Temperature range	Degree Celcius	+5/+60				
Miscellaneous		Suitable for usage on electric equipment upto 1000 Volts at a distance of 1 meter				
CE-marking		Pressure Equipment Directive (PED) Marine Equipment Directive (MED)				

