



## **BAVARIA® METAL-AND LITHIUM EXTINGUISHER WITH AVD-EXTINGUISHING AGENT**

# LITHIUM X



### APPLICATIONS

The LithiumX-extinguishers of BAVARIA are suitable for extinguishing metal fires of almost every kind. They are not only able to extinguish effectively but also to protect especially against the spreading of the fire. Filled with the environmentally friendly AVD (vermiculite dispersion) LithiumX is able to fight highly effective against highly aggressive fire of lithium, magnesium and aluminum alloy as well as other metals. What is exactly AVD?

AVD is an Aqua-Vermiculite-Dispersion. Here are kept natural vermiculite crystals in aqueous solution in balance. The microscopically fine flakes of vermiculite are part the minerals of silicates. As it is sprayed on the burning metal, the water evaporates and the microscopic vermiculite platelets start to swell and melt into an impermeable barrier layer which isolates the fire and thereby immediately lower the temperature and the thermal radiation to below 100 °C underneath the extinguishing agent. The LithiumX extinguisher from BAVARIA brings the AVD in a fine film form on the burning material, after that the agent turns immediately into a hard, mineral insulation.



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**Germany - Egypt - Lebanon**

2 plants in Europe and Middle East, 250 dealers worldwide

*Together....  
against Fire*



## BAVARIA® Metal-and lithium Extinguisher with AVD-extinguishing Agent

Type: **LITHIUM X**

### Features:

- The interruption of the extinguishing and also the intermittent usage is possible all the time.
- Single lever valve, made of a high quality, glass fiber reinforced plastic, black coated aluminium cap nut.
- High quality EPDM hose, with a lance, attached at the manufacturing.
- Through the polyester coating of the cylinder, outstanding and long-lasting corrosion protection.
- The polymer inner coating provides excellent and also long-term protection against any type of rust.
- Suitable for electrical objects up to 1000 V, with a minimum distance of 1 m.
- High quality wall bracket for the easy installation.



Compliant with the European Standard DIN/EN3

TÜV Approved Pressure Vessel

Awarded the European ( **CE** ) mark

The Company is Certified according to Quality and Environment Systems ISO 9001, ISO 14001

Bavaria Laboratory Accredited According to the ISO/IEC 17025

### Technical Specifications:

	3 l	6 l	9 l
Amount of the agent	3 l	6 l	9 l
Testing object	A D	A D	A D
Range of operating temperature	From 5°C to + 60°C		
Test pressure	30 bar	35 bar	35 bar
Bursting pressure	min. 70 bar	min. 70 bar	min. 70 bar
Material of the valve	PA 6 GF 30	PA 6 GF 30	PA 6 GF 30
Material of the cylinder	DC 04	DC 04	DC 04
Propellant	CO2	CO2	CO2
Amount of propellant	25 gr.	50 gr.	70 gr.
Type of agent	Special type		
Inner coating	Polymer	Polymer	Polymer
Coating	Polyester	Polyester	Polyester
Gross weight (approx.)	6,4 kg	11,2 kg	15,4 kg
Dimension (LxVxH) cm	30x15x44	25,5x15,5x57,5	29x19x58,7
Packaging	cardboard	cardboard	cardboard
Range of throw approx.	approx. 3 m	approx. 3 m	approx. 3 m
Functional time approx.	approx. 90 sec.	approx. 120 sec.	approx. 180 sec

### Warranty:

Period of Warranty	2 Years
Coverage of the Warranty	Against material failure and production defects
Method of Warranty Coverage	Limited to the replacement of the defected part or product after verification that the failure is covered by the scope of the warranty
Warranty Exclusions	Failures due to misuse, mishandling, or inspection or repair by an unauthorized dealer or entity

\* The illustrations may show optional extras only available at extra charge. BAVARIA retains the right to alter specifications and illustrations given herein without prior notice. Specifications will only be considered communicated at placing of order.