

F-500 stored pressure extinguisher (frost-protected)

WD 1 F-500 2% -30°C

WD 3 F-500 2% -30°C

WD 6 F-500 2% -30°C

WD 9 F-500 2% -30°C

Description

Environmentally compatible when fighting serious fires

Burning lithium ion batteries, rubber tyres, or plastics require a particularly effective fire-suppression agent to fight fires successfully. The stored pressure extinguishers in the NEURUPPIN WD F-500 range are in their element here: The environmentally compatible fire-suppression agent is frost-protected down to -30°C and is capable of tackling fires rapidly and effectively. Consisting primarily of water as well as a fluorine-free additive known as F-500 Encapsulator Agent, F-500 encapsulates and damps down the combustible materials and the flammable gases. In addition, this fire-suppression agent rapidly dissipates the heat and also reduces the surface tension of the water.

Frost-protected for many areas of application

NEURUPPIN WD F-500 extinguishers are available in sizes 1 L, 3 L, 6 L and 9 L. Because they are frost-protected, they can also be stored outdoors or at unheated locations in readiness for emergency situations. The proven stored pressure technology with galvanised brass valve, test valve and pressure gauge, and the robust *Made in Germany* build quality guarantee you a long service life. For additional safety, there is a positive pressure protective mechanism (important, for example to combat overpressure in response to higher temperatures).

Applications

- Firefighting for class A fires, in particular for synthetic materials such as plastic, rubber, and lithium-ion batteries
- Recycling and waste disposal businesses
- Repair workshops
- Tyre stores
- Pallet storage facilities
- Battery charging stations
- Battery storage facilities
- Trucks, cars, buses, trains, e-bikes
- E-mobility in general
- Delivery areas & trans-shipment points
- Processing industry
- Construction site security
- Hobby, residential, camping







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Special features

- **Frost-protected** – can be used down to -30°C
- **Highly effective fire-suppression action** – reduced surface tension of the agent improves its fire-suppression action (surfactant action). The increased level of boundary area activity improves the depth of penetration of the combustible material.
- **Very powerful cooling effect** – because energy is dissipated into the fire-suppression water at an early stage (phase change commences at approx. 70°C).
- **No impairment of visibility when fighting a fire** – through visible suppression of smoke
- **No formation of sediment** – through complete mixing of the fire-suppression agent
- **Non-hazardous fire-suppression agent** – quickly and completely bio-degradable, very resistant to corrosion (pH value of 7), no encrustation in tight cross sections and minimal cleaning is required
- **Satisfies DIN EN3 stipulations** – can be used on electrical systems up to 1000 V at a safety distance of 1 m
- **Proven and safe stored pressure technology** – with pressure gauge to check suitability for operation
- **Safe operation** – with intuitively understandable functionality
- **Large throw range** – 5 m to 6 m
- **Ease of maintenance** – repeat components and large service opening
- **Safe ex-factory** – 100% pressure test of every cylinder
- **Corrosion protection included** – proven inner and outer coatings of the cylinder
- **Fire extinguisher approval** – in accordance with DIN EN3, pressure device directive (CE), UL, EN and maritime shipping
- **ASR A2.2-compliant** – satisfies the stipulations for reduction of secondary damage and fire-suppression performance
- **NATO Stock Number** – for fire-suppression agent F-500

Note: The German language version of this document is the official version. If this document is translated into any language other than German and there is a discrepancy between the German language version and the translation, the German language version will control.

Technical data

	WD 1 F-500 2% -30°C	WD 3 F-500 2% -30°C	WD 6 F-500 2% -30°C	WD 9 F-500 2% -30°C
				
Item number	012474	012466	012467	012468
Fill volume (L)	1	3	6	9
Fire-suppression agent	F-500 PREMIX 2% -30°C			
Certification	DIN EN3, ÖNORM EN3,PED, CE, DIN EN ISO, MED, assured sustainability			
Rating	5 A (1 LE)	13 A (4 LE)	27 A (9 LE)	34 A (10 LE)
Temperature (°C)	-30 to 60			
Weight (kg)	2.2	6.2	11.4	14
Width (mm)	112	225	225	240
Height (mm)	334	445	570	530
Discharge duration (s)	24	15	29	40

The company reserves the right to make technical changes.

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Made in Germany



✓ welded

✓ coated

✓ filled

✓ tested

neuruppin

Highest Quality for your Safety

Your fire-protection specialist: