

F-500 Continuous Pressure Fire Extinguisher

WD 3 F-500

WD 6 F-500

WD 9 F-500

Description

WD F-500 products are continuous pressure fire extinguishers equipped with a robust brass valve (galvanised) and as standard with a test valve and a pressure gauge. With the pressure gauge, the pressure in the container, and therefore also operational readiness, can be checked at any time. In addition, all fire extinguishers of this type have a device that prevents the permitted pressure level from being exceeded. This protects these devices even better against excessive pressures (e.g. caused by the effect of temperature).

Nitrogen is used as the propellant.

98% of the fire suppression agent consists of water and 2% of the F-500 Encapsulator Agent additive. This additive possesses exceptionally effective fire-suppression characteristics:

- Reduction in surface tension
- An increase in boundary surface activity
- Faster heat reduction
- Encapsulation of fuels and flammable gases

The F-500 fire-suppression additive is particularly well-suited for use on fires involving plastics, rubber, and batteries.

Applications

- Fire-fighting of a very diverse range of materials in Fire Class B, in particular plastics, rubber and lithium-ion batteries
- Processing industry
- Assembly business with small load carriers
- Repair workshops
- Tyre stores
- Pallet stores
- Waste disposal companies
- Battery charging stations, battery stores
- Photovoltaic systems
- Liquefied gas
- Formula 1 Racing
- Residential areas

Special Features

- Fluorine-free fire-suppression agent
- Rapidly and completely bio-degradable
- Additive cartridges with good environmental and service credentials



E001122

- Fire-suppression agent approvals in accordance with UL, EN, and maritime transport
- NATO Stock Number for F-500 fire-suppression agent
- No sediment formation (complete mixing)
- No encrustation of tight cross sections
- Highly resistant to corrosion (pH value 7)
- Visible smoke suppression
- Complies with EN 3 specifications for use on electrical systems (up to 1000 V, 1 m minimum distance)
- Proven and safe recharge technology
- Easy and safe operation
- Throw range 4 m to 6 m
- No impairment to visibility when fighting a fire
- Reduced surface tension of the fire-suppression agent improves its fire-suppression action (wetting action)
- Greater boundary surface activity improves the penetration depth of the fire-suppression agent in the combustible material
- Very powerful cooling effect caused by energy release occurring sooner in the fire-suppression agent water (phase change starts at approx. 70°C)
- Encapsulation of fuel, prevention of the emission of flammable vapours
- Tested internal and external plastic coating of the container
- Each container is 100% pressure tested
- Complies with the specifications of ASR A2.2 for the reduction of secondary damage and to achieve good fire-suppression power
- Maintenance is easy (replaceable parts, large service aperture, separated additive storage)
- Fire extinguisher approval based on DIN EN 3 and the pressure device directive (CE)

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

Made in Germany






- ✓ welded
- ✓ coated
- ✓ filled
- ✓ tested

neuruppin

Highest Quality for your Safety

Your fire protection specialist:

WD 3 F-500	WD 6 F-500	WD 9 F-500
		
3 L water with 2% F-500	6 L water with 2% F-500	9 L water with 2% F-500
F-500 Encapsulator Agent SP 83/08		
DIN EN3, ÖNORM EN3, PED, CE, DIN EN ISO, MED assured sustainability		
+5 °C to +60 °C (not frost-protected)		
Fire-suppression agent		
Certification		
Temperature range		
Installation height	445 mm	570 mm
Installation width	225 mm	225 mm
Weight (full) approx.	6.2 kg	10.1 kg
Discharge time approx.	15 s	29 s
Rating	8 A (2 LE)	21 A (6 LE)
Item no.	012404	012405
012333		

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