ALL-IN-ONE FIRE PROTECTION



firexo

fx51

ALL FIRES Extinguishing Agent

Technical data sheet

ČSN-EN 1568



fx51 | ALL FIRES

ČSN-EN 1568
Conformity Assessment
Type Certificate

Product Name		Notes
Manufacturer / Distributor	Firexo Limited	
Manufacturing Location	UK	
Product Name / Description	fx51 Firexo ALL FIRES Extinguishing Agent	
Main Ingredient	Water	
Primary Use	Firefighting Extinguishing Media	
Secondary Use	Fire Retardant	
Ph @ 20°C	7.15	Tolerance ± 1
Density @ 20°C	1.166 g/cm³	Tolerance ± 0.5
Refractive Index @ 20°C	1.39	Tolerance ± 0.5
Viscosity @ 20°C	6	Tolerance ± 2
Boiling Point	101°C - 145°C	See RSSL Lab Report
Freezing Point	-34.91°C	See RSSL Lab Report
Operating Temperature	-15°C to +60°C	
Colour	Clear, slightly amber	
Solubility	Fully miscible	
Odour	Neutral, slightly sweet	
State	Liquid	
Environmental Properties	See separate Laboratory Report	
Surface Tension	30.47 mN/m	Tolerance ± 0.5
Corrosion	Avoid prolonged exposure to copper and its alloys (brass and bronze) and other metals that are not corrosion resistant *	
Method of Application – Portable Fire Extinguishers	Via aspirated nozzle or branch	See Tech Drawings
Method of Application – Fire Appliance	Pump	
Fire Class Suitability	Class A / B / C / D / F, Electrical and Lithium-ion battery fires	Tested on Class D Magnesium, Titanium, Aluminium
Electrical	Tested at 35,000 Volts (35kV)	
Approvals	ČSN-EN 1568, EN3-7, EN3-8, CE, UKCA, PED	
Shelf Life of fx51	5 years (+/- 1 year) from date of manufacture	Whilst Sealed
Storage	Store indoors between 10°C and 50°C. Avoid direct sunlight.	
Packing	Not applicable	
Supplied	Container sizes from 1.4 litres to 1.000 litres	

* Maximum continued exposure threshold is two weeks / 336 hours in accordance with EN 3-7 14.2 / Annex H.2. It is recommended that all equipment exposed to fx51 is washed out thoroughly with clean water.

Environmentally friendly

fx51 is designed to be kind to the environment while providing poweful protection in every setting.

PFAS FREE