



FP 70



Fluoroprotein foam concentrate

FOR HYDROCARBON FIRES
Low and medium expansion

FP 70 is made from specially hydrolysed protein combined with oil-repelling fluorosurfactants to produce very stable foam which can be used forcefully to attack deep-seated fires

APPLICATION

FP 70 spreads easily across fuel surfaces because it is fluid and highly stable in contact with warm surfaces. This makes it especially efficient for the extinction of large hydrocarbon fires.

CONCENTRATION USE

FP 70 is available in both grades:

- 3 %
- 6 %

APPLICATION

Due to its oleophobic property, FP 70 can be used in forceful application (monitor, branchpipes), and base injection systems.

TYPICAL USES

FP 70 is specially adapted for:

- Refineries, petroleum warehouses, port installations, unloading ramps
- Oil tankers
- Aircraft fires
- Engine rooms and stokeholes

SPECIFICATIONS

FP 70 conforms to NF EN 1568 1-3 standards with the following ratings:

1568-3 Class II Burnback Level A
1568-1*

PARTICULAR QUALITIES

- Sea water compatibility
- Frost resistance

GENERAL CHARACTERISTICS

(According to NF EN 1568 Standards)

Foam concentrate

	Version 3 %	Version 6 %
Specific gravity	1.140 kg/l	1.135 kg/l
pH at 20° C	7.0	7.0
Viscosity at 20° C	12 mm ² .s	10 mm ² .s
Pour point	≤ -15° C	≤ -15° C
Sediment rate	≤ 0.1 %	≤ 0.1 %
Surface tension	27 mN/m	25 mN/m
Interfacial tension on cyclohexane	6 mN/m	4 mN/m

Foam

	Version 3 %	Version 6 %
Low expansion	7.0	7.5
Drainage 25 %	3 min 30	6 min 00
Medium expansion	55	70
Drainage 50 %	5 min 00	7 min 00

* internal control tests