

PROFLON FP**Fluoroprotein foam concentrate**

**For use on Hydrocarbon fires
Low & Medium Expansion**

Composition

The foam concentrate "PROFLON-FP" is composed of a special mixture of hydrolysed proteins, fluorocarbon surfactants and corrosion inhibitors, providing an excellent heat resistant foam blanket.

Principles of operation

The foam produced by PROFLON-FP quickly knocks down important fires, thanks to its great stability and remarkable fluidity, even in the presence of metal structure overheated during the fire.

Induction ratio

PROFLON-FP is available in two versions :

- 3 % (3 L foam concentrate + 97 L water = 100 L foam solution)
- 6 % (6 L foam concentrate + 94 L water = 100 L foam solution)

Method of application

The fluoroprotein foam compound PROFLON-FP can be used in direct application (nozzle and monitor), in base injection with fixed installation or any other direct projection of foam solution.

Field of application

PROFLON-FP is principally used by :

- refineries and fuel storage tank farms
- petroleum plants
- loading platforms
- boilers and machinery room
- vessels

Technical characteristics

PROFLON-FP is in conformity with all national and international standards and in particular with European standards EN 1568-1 and EN 1568-3.

It can be used with fresh and sea water.

PROFLON-FP properties do not change in case of frost. It recovers its initial properties as soon as it is defrosted.

Physico-chemical Characteristics

According to EN 1568:	PROFLON-FP 3	PROFLON-FP 6
Foam concentrate		
• Specific gravity @ 20° C	1.16 ± 0.02 kg/l	1.15 ± 0.02 kg/l
• pH @ 20° C	6.5 – 7.5	6.5 – 7.5
• Viscosity @ 20° C	12 ± 5 mm ₂ /s	12 ± 5 mm ₂ /s
• Pour point	≤ - 15° C	≤ - 15° C
• Undissolved solids	≤ 0.1 %	≤ 0.1 %
Foam solution		
	3 %	6 %
• Low expansion	≥ 7	≥ 7
• 25 % drainage time	≥ 5 min	≥ 6 min