



POLYFILM

by **BIOEX**

**FFFP fluorosynthetic multi-purpose AR
foam concentrate**

- ▶ Effective on hydrocarbon fires at 3%
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EFFECTIVENESS ON FIRES

POLYFILM foam concentrate has specificities that make it possible to effectively put out hydrocarbon and polar solvent fires:

- The so-called **film generating property FFFP (Film Forming FluoroProtein)** gives the POLYFILM foaming agent an **excellent extinguishing speed on hydrocarbon fires** using direct application, i.e. when directly applied to the surface of the burning liquid to fight the fire from a correct distance avoiding their exposure to intense heat.
- The **multi-purpose (Alcohol Resistant) property** consist in forming a protective coating film on the surface of all types of inflammable liquids (polar solvents) in order to smother the fire by depriving it of oxygen (the fire blanket principle). This film also provides excellent resistance to re-ignition.

EXTINGUISHING PERFORMANCES

USE:

- Effective in Low and Medium Expansion.
- Applicable on hydrocarbon fires such as fuel, diesel oil, petrol, kerosene, etc.
- Applicable on polar solvent fires such as alcohol, ketones, ethers, etc.
- Compatible with all equipment available on the market and with all dosage systems (contains corrosion inhibitors).
- Can be used in mobile and fixed fire fighting systems (sprinklers, High Expansion generators, fire hose stations, etc.).

CERTIFICATES & COMPLIANCES:

- European standards: EN 1568 3-4.
- Marine: VERITAS.
- Oil industry: GESIP.

FEATURE:

- Effective at 3% on hydrocarbon fires and at 6% on polar solvent fires.

WARRANTY:

- 5 years.

ENVIRONMENT

The raw materials selected by BIOex in the design and development of the fire fighting product have a minimum impact on the environment.

