

### DESCRIPTION

FILMOPOL 3 is a fluorosynthetic foam AFFF-AR 3X3. The film-forming property AFFF gives to FILMOPOL 3 a high speed of extinction on hydrocarbon fires thanks to the aqueous film which insulates the fuel surface from the air.

The Alcohol-Resistant property produces a thick layer – skin – if applied on any kind of fuels. The peculiar nature of our fluoropolymer gives outstanding burnback resistance.

FILMOPOL 3 is pseudoplastic : its viscosity decreases when it is agitated. This property authorizes its use even at low temperature and low pressure.

▲ **Foaming ability:** FILMOPOL 3 is usable at Low and Medium Expansion.

▲ **Fuel fires:** FILMOPOL 3 is efficient on hydrocarbon and polar solvents fires.

▲ **Environment:** FILMOPOL 3 is easily biodegradable.



### PHYSICAL DATA

Appearance	white gel
Specific gravity at 20°C	1.00 ± 0.02 Kg/dm <sup>3</sup>
pH at 20°C	7.5 ± 0.5
Viscosity* at 20°C	1500 ± 200 mPa.s
Sediments	< 0.1 %
Surface tension at 3 %	16 ± 2 mN/m
Interfacial tension at 3 %	2 ± 1 mN/m
Freezing point	0°C
Temperature of use	+ 1.7°C / + 49°C

\* *Viscometer Brookfield ; spindle #4 ; 60 rpm*

### FOAM QUALITY AT 3%

Low Expansion	> 7*
Drainage time 25 %	> 5 minutes
Medium Expansion	> 30*

\* *Foam expansion values depend on the equipment*



### PERFORMANCES & APPLICATIONS

FILMOPOL 3 complies with standards:

▲ UL 162

FILMOPOL 3 can be used with tap water, sea water and brackish water at 3% on hydrocarbon and polar solvents fires. It is compatible with dry extinguishing powders and it is suitable with all kind of known equipment.

### WARRANTY & SERVICES

FILMOPOL 3 has a 10 years warranty in its original packaging and at storage temperatures +1.7°C/+49°C (35°F/120°F).

Our Quality Control Laboratory offers its analytical expertise BIO-LAB.

Safety Data Sheet is available upon request: [contact@bio-ex.fr](mailto:contact@bio-ex.fr)