

DESCRIPTION

FILMOPOL 1X3_{LT15} is a fluorosynthetic foam AFFF-AR 1X3. The film-forming property AFFF gives to FILMOPOL 1X3_{LT15} 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 1X3_{LT15} is pseudoplastic : its viscosity decreases when it is agitated. This property authorizes its use even at low temperature and low pressure.

▲ **Foaming power** : FILMOPOL 1X3_{LT15} is usable at Low, Medium and High Expansion.

▲ **Fuel fires** : FILMOPOL 1X3_{LT15} is efficient on hydrocarbon and polar solvents fires.

▲ **Environment** : FILMOPOL 1X3_{LT15} is easily biodegradable.



PHYSICAL DATA

Appearance	white gel
Specific gravity at 20°C	1.03 ± 0.02 Kg/dm ³
pH at 20°C	7.0 ± 1.0
Viscosity* at 20°C	2300 ± 200 mPa.s
Sediments	< 0.1 %
Surface tension at 1 %	16 ± 2 mN/m
Interfacial tension at 1 %	2 ± 1 mN/m
Freezing point	- 15°C
Temperature of use	- 13°C / + 50°C

* Viscometer Brookfield ; spindle #4 ; 60 rpm

FOAM QUALITY AT 1%

Low Expansion	> 7*
Drainage time 25 %	> 10 minutes
Medium Expansion	> 30*

FOAM QUALITY AT 3%

Low Expansion	> 8*
Drainage time 25 %	> 30 minutes
Medium Expansion	> 100*
High Expansion	> 600*

* Foam expansion values depend on the equipment



PERFORMANCES & APPLICATIONS

FILMOPOL 1X3_{LT15} complies with standards :

- ▲ EN 1568-3 ■ EN 1568-4
- ▲ Lastfire Certificate

FILMOPOL 1X3_{LT15} can be used with tap water, sea water and brackish water at 1% on hydrocarbon and at 3% on polar solvents fires as well as on special chemicals : acids, HF, HCl, amines, Butadiene, CS₂...

It is compatible with dry extinguishing powders and it is suitable with all kind of known equipment.

WARRANTY & SERVICES

FILMOPOL 1X3_{LT15} has a 10 years warranty in its original packaging and at storage temperatures -30°C/+60°C.

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

Safety Data and Environment Data are available upon request : contact@bio-ex.fr