

### DESCRIPTION

HYDROPOL 3 is a fluorosynthetic foam AR 3X3. 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.

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

▲ **Foaming power** : HYDROPOL 3 is usable at Low, Medium and High Expansion.

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

HYDROPOL 3 can keep its water for a very long period. This outstanding property makes it highly efficient on polar solvents fires.

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



### PHYSICAL DATA

Appearance	yellow gel
Specific gravity at 20°C	1.05 ± 0.02 Kg/dm <sup>3</sup>
pH at 20°C	7.0 ± 1.0
Viscosity* at 20°C	1500 ± 200 mPa.s
Sediments	< 0.1 %
Surface tension at 3 %	23 ± 2 mN/m
Freezing point	- 15°C
Temperature of use	- 10°C / + 50°C

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

### FOAM QUALITY AT 3 %

Low Expansion	> 7*
Drainage time 25 %	> 10 minutes
Medium Expansion	> 50*
High Expansion	> 600*

\* *Foam expansion values depend on the equipment*



### PERFORMANCES & APPLICATIONS

HYDROPOL 3 complies with standards :

- ▲ EN 1568-1 ■ EN 1568-2 ■ EN 1568-3 ■ EN 1568-4
- ▲ Navy : Bureau Veritas certificate – IMO Circ 670

HYDROPOL 3 can be used with tap water, sea water and brackish water at 3% on hydrocarbon and polar solvents fires as well as for the keeping of gaseous fumes : acids, HCl, NH<sub>3</sub>... in Medium Expansion.

It is suitable with all kind of known equipment.

### WARRANTY & SERVICES

HYDROPOL 3 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](mailto:contact@bio-ex.fr)