

BIO FOAM is a high expansion synthetic foam

CHARACTERISTICS

BIO FOAM is a Synthetic Foam.

It is efficient on all conventional hydrocarbon fuels : diesel fuel, gasoline, petrol, kerosene,..

It is designed to allow high foam expansion: this way, it can be applied to fill big volumes, such as tankers, warehouses, etc...

It is recommended for training purposes.

It can be used up to -15°C . If accidentally frozen, it retrieves its original properties after thawing.

APPLICATION

BIO FOAM can be used at a concentration between 0.5 and 6% on hydrocarbon fuels.

It can be used with tap water and sea water.

It is suitable with all kind of known equipment.



<i>physical data</i>	BIO FOAM 1	BIO FOAM 15	BIO FOAM 5
Concentration of use	0.5% - 1%	2% - 6%	2% - 6%
Specific gravity at 20°C (kg/dm ³)	1.02	1.07	1.02
Ph at 20°C	7		
Viscosity at 20°C (cStokes)	< 30	< 10	
Freezing point	< - 15° C		- 8°C
Temperatures of use	< - 15°C • + 60°C >		< - 5°C • + 60°C >
Surface tension (mN/m)	25		

Specifications

BIO FOAM meets EN requirements and is classified as

- III-C in EN 1568-3



Foam quality

	BIO FOAM 1		BIO FOAM 5		BIO FOAM 15	
	0.5%	1%	3%	6%	3%	6%
Concentration of use	0.5%	1%	3%	6%	3%	6%
Low expansion*	10	14	10	14	14	14
Drainage time 25 %	6 min	10 min	8 min	12 min	10 min	13 min
Drainage time 50 %	10 min	20 min	15 min	20 min	15 min	20 min
Medium expansion*	50	180	60	150	100	200
High expansion*	700	900	800	750	700	950

* Foam expansion depends on the equipment and nozzle