



EXPANDOL

Synthetic foam concentrate

FOR HYDROCARBON FIRES
Low, medium and high expansion



EXPANDOL Foam Concentrate is a blend of synthetic hydrocarbon foaming agents and stabilisers specifically selected to produce foams with a large expansion capacity and a high retention of water.

APPLICATION

EXPANDOL provide a high expansion foam used to produce an inert atmosphere in large spaces.

It can be used in combination with Turbex, a high expansion foam generator, to provide a high expansion of 1000.

EXPANDOL can also be used at low expansion to reduce the evaporation of some gas ; EXPANDOL 3 is particularly effective in controlling the evaporation of LNG spills.

APPLICATION

Indirect application, gentle application by top-pourer (foam pourer, overflow of foam).

Highly stable, EXPANDOL foam is also used as a preventive measure, being applied to airstrips, workshops, holds of ships.

TYPICAL USES

The ability of EXPANDOL to quickly fill large volumes makes it suitable for the protection of:

- Hangars
- Shops and warehouses, wharfs
- Holds of ships
- Cable galleries
- Cellars, parking area, basements

SPECIFICATIONS

EXPANDOL complies with NF EN 1568 1-2-3 standards with the following ratings:

1568-3 Class III Burnback level B (fresh water)
1568-3 Class III Burnback level C (sea water)

1568-1
1568-2

PARTICULAR QUALITIES

- Sea water compatibility
- Frost resistance

GENERAL CHARACTERISTICS

(According to NF EN 1568 standards)

Foam concentrate

	EXPANDOL 1%
Specific gravity	1.03 kg/l
pH at 20° C	7.0
Viscosity at 20° C	8 mm ² .s
Pour point	≤ -15° C
Sediment rate	≤ 0.1 %
Surface tension	25 mN/m
Interfacial tension on cyclohexane	2 mN/m

Foam

	EXPANDOL 1%
Low expansion	9.5
Drainage 25 %	4 min 50
Medium expansion	130
Drainage 50 %	10 min 00
High expansion	590
Drainage 50 %	4 min 00