

TECHNICAL DATA SHEET

PROSINTEX AR All-purpose Synthetic foam concentrate

Use on Hydrocarbon and Polar Solvents fires Low, Medium, High Expansion

Composition

The foam concentrate **PROSINTEX AR** is based on a particular formulation of special surfactants and stabilizing salts associated with water soluble polymers, enabling to achieve highly plastic foam, extremely resistant to destructive effects of oxygenated substances (alcohols, cetones, ethers, etc.).

Principle of Operation

The foam produced by **PROSINTEX AR** in mechanical Hi-Ex generators allows total flooding of large volumes. It is most suitable for protection of hangars and various chemical products storage warehouses.

When used with medium expansion generators, **PROSINTEX AR** is mainly recommended for protection of pumping stations or diked areas.

Induction Ratio

PROSINTEX AR is available in two standard versions:

- | | |
|-------|---|
| 6-6 | 6 % on hydrocarbon fires and 6 % on polar solvent fires |
| 3-3 | 3 % on hydrocarbon fires and 3 % on polar solvent fires |
| - 6 % | (6 L foam concentrate + 94 L water = 100 L foam solution) |
| - 3 % | (3 L foam concentrate + 97 L water = 100 L foam solution) |

Method of Application

PROSINTEX AR can be used with variety of generators: low expansion (1 to 20:1), medium expansion (20:1 to 200:1) and high expansion (200:1 to 1000:1).

Field of Application

PROSINTEX AR is designed for protection of:

- big capacity warehouses
- chemical product plants
- distilleries

General Characteristics

PROSINTEX AR is in conformity with all national and international standards, and particularly with European standards EN 1568-1, 2, 3 and 4.

PROSINTEX AR can be used with fresh and sea water.

PROSINTEX AR properties do not change in case of frost. It recovers its initial properties as soon as it is defrosted.

Shelf-life

PROSINTEX AR has a long shelf life if stored correctly. We advise to store the product sealed in its original container, away from important temperature variations and corrosive atmospheres.

Physico -Chemical Characteristics		
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foam concentrate	u.m.	3 & 6 %
density @ 20°C	kg/l	1.04±0.02
pH @ 20°C		6,5 - 9
viscosity @ 20°C	cPs	1000
pour point *	°C	- 5
undissolved solids	% V/V	0.2

* The product is also available in low temperature version with pour point of -15 °C.

Typical Foam Properties

The foam properties of **PROSINTEX AR** vary depending on the performance characteristics of foam equipment used and the operating conditions.

PRO PROSINTEX AR tested in accordance with the EN 1568:3 and 4 gives the following typical properties:

foam solution	3%	6%
Expansion Ratio	8	8
25% drainage time	10'	15'