

Description

Fomtec FFFP-ARC 3x3 is a multi purpose alcohol resistant film forming fluoroprotein foam concentrate (FFFP-ARC).

The main advantage of Fomtec FFFP-ARC 3x3 is the 3% induction ratio on hydrocarbon fires and 3% on polar solvents.

Fomtec FFFP-ARC 3x3 has been designed to perform as a high efficiency film forming fluoroprotein foam on hydrocarbon fires, and as "alcohol resistant" foam, creating a polymeric membrane on polar solvent fires. Fomtec FFFP-ARC 3x3 provides reliable performance even on the strongest fuels. Its excellent fire performance on all kinds of flammable liquids, low or medium expansion, provides maximum security in both mobile fire fighting and stationary fire protection.

Application:

Fomtec FFFP-ARC 3x3 is intended for use on class B hydrocarbon fuel as well as on polar solvent i.e Isopropanol, Methanol etc and other foam destroying product fires such as MTBE. It can be used with both aspirating and non-aspirating discharge devices. It is compatible with all dry chemical powders.

Fomtec FFFP-ARC 3x3 is ideal for applications where a variety of hazards are present and the need for a highly efficient film forming and "alcohol" resistant foam is needed. Typical applications are refineries, petrochemical storage facilities, offshore installations etc.

Typical Performance

Fomtec FFFP-ARC 3x3 has been designed to give the best properties of

- Aqueous film forming foam.
- Alcohol resistant foam.

The fire performance of Fomtec FFFP-ARC 3x3 has been tested according to

EN1568 parts 3 and 4.

Proportioning

Fomtec FFFP-ARC 3x3 can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors.
- Balanced pressure, variable flow proportioning systems.
- Bladder tanks.
- Around the pump proportioning systems.
- Water turbine driven foam proportioners.
- Self inducing branch pipes and nozzles.
- The equipment should be designed to the foam type.

Technical data

Colour	Brown
Specific gravity at 20°C	Minimum 1.08
Viscosity (approximately)	1500 mPas
PH at 20°C	6.5 – 8.5
Freeze point	-9°C
Pour point	-7°C
Sediment	<0.25%

Storage and Shelf Life

Stored in original unbroken packaging the product will have a long shelf life. The recommended storage temperature range of Fomtec FFFP-ARC 3x3 is from -7°C to 49°C. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.

Foam concentrates should only be stored in stainless steel or plastic containers. Since electromagnetic corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates.

Packaging

We supply Fomtec FFFP-ARC 3x3 in 25L-cans, in drums containing 200 l or in 1000 l containers. Shipment can also be made in bulk.