



RE-HEALING™ RF3x6% ATC™ FOAM CONCENTRATE

# CONCENTRATES



## Description

RE-HEALING™ RF3x6 ATC foam concentrate from SOLBERG is an innovative, environmentally sustainable fluorosurfactant and fluoropolymer-free foam concentrate used to effectively extinguish Class B hydrocarbon fuel fires at 3% solution and polar solvent fuel fires at 6% solution. RE-HEALING RF3x6 ATC foam can be used in fresh, salt or brackish water. RE-HEALING RF3x6 ATC foam possesses excellent burn-back resistance due to its remarkable flow and rapid resealing characteristics. RE-HEALING foam concentrates are formulated using a new high performance synthetic foam technology to replace traditional AFFF, FFFP foam concentrates as well as older protein and fluoroprotein foams.

## Application

RE-HEALING RF3x6 ATC foam concentrate is intended for use on Class B hydrocarbon or polar solvent fuel fires. The foam can be used to prevent re-ignition of liquid spills and to control hazardous vapours. On Class A fuels, RE-HEALING RF3x6 ATC foam concentrate will improve extinguishment of deep-seated fires.

Foam discharge devices including both non-air aspirating and air aspirating equipment and standard fire sprinkler heads, can be used to obtain optimum results. The product is mixed 3 parts foam concentrate to 97 parts water for hydrocarbon fuels or 6 parts foam concentrate to 94 parts water for polar solvent fuels. It may also be used as a pre-mix solution. RE-HEALING RF3x6 ATC foam is compatible with most dry powder (chemical) agents.

## Performance

### Fire Performance

RE-HEALING RF3x6 ATC foam concentrate has been tested to and meets the fire performance test criteria of European Standard EN 1568 Part 3 & 4 and International Civil Aviation Organization (ICAO) Level B and Level C.

### Foam Proportioning

RE-HEALING RF3x6 ATC foam concentrate can be proportioned at the proper foam solution percentage using common foam proportioning devices such as:

- Eductors
- Inline balanced-pressure proportioners
- Ratio controllers
- Self-educing nozzles

## Typical Physical Properties at 25 °C (77 °F)

Appearance:	Brown liquid
Freezing Point:	-5 °C (23 °F) <i>(No quality loss after thawing)</i>
Maximum storage temp:	49 °C (120 °F)
pH:	7.0 - 8.5
Refractive index:	1.3750 - 1.3850
Specific gravity:	1.050 - 1.085
Viscosity:	4300 - 5900 cP*
Sediments:	< 0.05%

\*Brookfield Viscometer Spindle #4, Speed 30

## Storage

The storage temperature range for RE-HEALING RF3x6 ATC foam concentrate is 1.7 °C to 49 °C (35 °F to 120 °F).

When stored in original containers or in manufacturer recommended equipment and within the specified temperature range, the shelf life is 20 years.

## Compatibility

RE-HEALING RF3x6 ATC foam concentrate should not be mixed with other foam concentrates. For questions about compatibility or mixing, consult Solberg Technical Services.

*Solberg is a member of THE AMEREX GROUP, an alliance of independent companies with a single purpose: revolutionize the course of fire suppression technology with safer, more effective and more sustainable solutions. Together, we are Moving Industries Forward by Redefining Fire Suppression. [www.solbergfoam.com](http://www.solbergfoam.com)*

**Materials of Construction Compatibility**

RE-HEALING RF3x6 ATC foam concentrate is compatible with multiple materials of construction such as carbon steel, stainless steel, brass, polyethylene and PVC. Galvanized steel should not be used in direct contact with the foam concentrate. For questions about materials of construction compatibility, consult Solberg Technical Services.

**Inspection**

RE-HEALING RF3x6 ATC foam concentrate or pre-mix solution should be inspected annually per National Fire Protection Association (NFPA) Standards 11 and 25.

A sample of the foam concentrate should be sent to the manufacturer for quality conditioning testing in accordance to NFPA 11.

**Environmental Information**

RE-HEALING foam concentrates are fluorosurfactant and fluoropolymer-free products for use on Class B hydrocarbon fuels, with no environmental concerns regarding persistence, bioaccumulation or toxic break-down.

**Certifications**

SOLBERG manufactured products are thoroughly inspected and undergo rigorous quality control tests. These evaluations analyze the foam's

physical parameters as well as the finished product's fire performance. A Certificate of Analysis (CoA) is issued with every batch.

RE-HEALING RF3x6 ATC foam concentrate is Approved to European Standard EN 1568 Part 3 & 4 and International Civil Aviation Organization (ICAO) Airport Services Manual (DOC 9137-AN/898) Part 1 – Rescue and Firefighting, Levels B and C (6% solution) Certified.

**Ordering Information**

RE-HEALING RF3x6 ATC foam concentrate is available in pails, drums, totes and bulk quantities.

PART NO.	DESCRIPTION	APPROXIMATE SHIPPING WEIGHT	APPROXIMATE VOLUME
20030	RE-HEALING RF3x6% ATC, 20 litre (5 gallon) pail	21 kg (45 lb)	0.04 m <sup>3</sup> (1.25 ft <sup>3</sup> )
20031	RE-HEALING RF3x6% ATC, 200 litre (55 gallon) drum	224 kg (495 lb)	0.33 m <sup>3</sup> (11.83 ft <sup>3</sup> )
20032	RE-HEALING RF3x6% ATC, 1000 litre (265 gallon) tote	1118 kg (2465 lb)	1.42 m <sup>3</sup> (50.05 ft <sup>3</sup> )
20033	RE-HEALING RF3x6% ATC, bulk	Call Customer Services	