



RE-HEALING™ RF6, 6% FOAM CONCENTRATE

CONCENTRATES



Description

RE-HEALING™ RF6 foam concentrate from Solberg is an innovative environmentally sustainable fluorosurfactant and fluoropolymer-free foam concentrate, used to effectively extinguish Class B hydrocarbon fuel fires. Proportioned at 6%, RE-HEALING RF6 foam concentrate can be used in fresh, salt or brackish water. RE-HEALING RF6 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 and older protein and fluoroprotein foams.

Application

RE-HEALING RF6 foam concentrate is intended for use on Class B hydrocarbon fuel fires. It is not intended for use on Class B polar solvent fuels. The foam can be used to prevent re-ignition of liquid spills and to control hazardous vapours.

On Class A fuels, RE-HEALING RF6 foam will improve extinguishment of deep-seated fires. Foam discharge devices including both non-air-aspirating and air-aspirating equipment can be used to obtain optimal results. The product is mixed with 6 parts foam concentrate to 94 parts water. It may also be used as a 6% pre-mix solution. RE-HEALING RF6 foam is compatible with most dry powder (chemical) agents, and provides even greater protection against three-dimensional fires.

Performance

Fire Performance

RE-HEALING RF6 foam concentrate has been tested to and meets the fire performance test criteria of Underwriters Laboratories, Inc. (UL) Standard 162 (latest edition) and Underwriters' Laboratories of Canada (ULC) Standard S564.

Foam Proportioning

RE-HEALING RF6 foam concentrate can be proportioned at the proper foam solution percentage using common foam proportioning devices such as:

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

Appearance:	Brown liquid
Freezing Point: (No quality loss after thawing)	-5 °C (23 °F)
Maximum storage temp:	49 °C (120 °F)
pH:	7.02
Refractive index:	1.3715
Specific gravity:	1.063
Viscosity:	4500 - 5500 cP*
Sediments:	< 0.05%

*Brookfield Viscometer Spindle #4, Speed 30 rpm

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

Storage

The storage temperature range for RE-HEALING RF6 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 minimum shelf life is 20 years.

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

Compatibility

RE-HEALING RF6 foam concentrate should not be mixed with other foam concentrates. For questions about compatibility or mixing, consult Solberg Technical Services.

Materials of Construction Compatibility

RE-HEALING RF6 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 RF6 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, fluoropolymer-free products for use on Class B hydrocarbon fuels with no environmental concerns for persistence, bioaccumulation or toxic breakdown.

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 RF6 foam concentrate is Listed in accordance with UL 162 (Standard for Safety for Foam Equipment and Liquid Concentrates) and Underwriters’ Laboratories of Canada Listed (Standard for Category 1 Foam Liquid Concentrates ULC S564).

Ordering Information

RE-HEALING RF6 foam concentrate is available in pails, drums, totes and bulk quantities.

PART NO.	DESCRIPTION	APPROXIMATE SHIPPING WEIGHT	APPROXIMATE VOLUME
20040	RE-HEALING RF6, 6% Foam, 20 litre (5 US gal) pail	21 kg (45 lb)	0.04 m ³ (1.25 ft ³)
20041	RE-HEALING RF6, 6% Foam, 200 litre (55 US gal) drum	224 kg (495 lb)	0.33 m ³ (11.83 ft ³)
20042	RE-HEALING RF6, 6% Foam, 1000 litre (265 US gal) tote	1118 kg (2465 lb)	1.42 m ³ (50.05 ft ³)
20043	RE-HEALING RF6, bulk	Call Customer Services	