Perimeter SOLUTIONS
Quality Products. Exceptional Response.

Solutions That Save.

RE-HEALING™ RF3X3% FREEZE PROTECTED ATC™ FOAM CONCENTRATE

SOLBERG FLUORINE-FREE FOAM

TYPICAL PHYSICAL PROPERTIES
AT 77 ˚F (25 ˚C)

Appearance: Brown liquid

Freezing Point: -2°F (-18°C)
(No quality loss after thawing)

Maximum Storage Temp: 122°F (50°C)

pH: 7.0 - 8.5

Refractive Index: 1.3840 - 1.4140

Specific Gravity: 1.080 - 1.116

Viscosity: 4900 -6700 cP*

Sediments: < 0.05%

*Brookfield Viscometer Spindle #4, Speed 30 rpm

APPLICATION

RE-HEALING RF3x3 FP 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 a liquid spill and control hazardous vapors. On Class A fuels, RE-HEALING RF3x3 FP ATC foam will improve extinguishment in deep-seated fires. Foam discharge devices such as air aspirating, as well as, non-air aspirating equipment, including standard sprinkler heads, can be used to obtain maximum results. The product is mixed 3 parts foam concentrate to 97 parts water. It may also be used as a pre-mix solution. RE-HEALING RF3x3 FP ATC foam is compatible with most dry powder (chemical) agents.

PERFORMANCE

Fire Performance

RE-HEALING RF3x3 FP ATC foam concentrate has been tested to and meets the fire performance test criteria of European Standard EN 1568 Part 3 & 4 (latest edition) and International Maritime Organization (IMO) MSC.1/Circ.1312 (latest edition).

Foam Proportioning

RE-HEALING RF3x3 FP 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-educting nozzles

DESCRIPTION

RE-HEALING™ RF3x3 Freeze Protected (FP) ATC™ foam concentrate from SOLBERG® is an innovative environmentally sustainable fluorosurfactant and fluoropolymer-free foam concentrate used to effectively extinguish Class B hydrocarbon and polar solvent fuel fires at 3% solution. RE-HEALING RF3x3 FP ATC foam can be used in fresh, salt or brackish water. RE-HEALING RF3x3 FP 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 and older protein and fluoroprotein foams.

STORAGE

The storage temperature range for RE-HEALING RF3x3 FP ATC foam concentrate is 0°F to 120°F (-18°C to 50°C).

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 RF3x3 FP ATC foam concentrate should not be mixed with other foam concentrates. For questions about compatibility or mixing, consult Solberg Technical Services.

Materials of Construction Capability

RE-HEALING RF3x3 FP 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 RF3x3 FP 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.

RE-HEALING™ RF3X3% FREEZE PROTECTED ATC™ FOAM CONCENTRATE

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 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 RF3x3 FP ATC foam concentrate is Approved to European Standard EN 1568 Part 3 & 4, International Maritime Organization (IMO) MSC.1/Circ.1312 and meets the quality and performance test requirements of LASTFIRE.

ORDERING INFORMATION

RE-HEALING RF3x3 FP ATC foam concentrate is available in pails, drums, totes and bulk quantities.

Part No.	Description	Approximate Shipping Weight	Approximate Cube
20215	RE-HEALING RF3x3 FP ATC, 5 gallon (20 litre) pail	45 lb (21 kg)	1.25 ft^3 (0.04 m^3)
20216	RE-HEALING RF3x3 FP ATC, 55 gallon (200 litre) drum	495 lb (224 kg)	11.83 ft^3 (0.33 m^3)
20217	RE-HEALING RF3x3 FP ATC, 265 gallon (1000 litre) tote	2465 lb (1118 kg)	50.05 ft^3 (1.42 m^3)
20218	RE-HEALING RF3x3 FP ATC, bulk	Call Customer Services	

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FOR MORE INFORMATION

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