

# SOLBERG® RE-HEALING™ 3X3 FLUORINE-FREE SP-100



## FAST FACTS

- First UL-listed fluorine-free foam for both hydrocarbon and polar solvent (water miscible) fuels using standard sprinkler heads
- UL 162 Listed
- FM-5130 Approved
- ICAO Level B
- Biodegradable and non-persistent
- Fresh, salt & brackish water compatible
- Fast knockdown & extinguishing performance tested
- Great foam stability to extended water discharge
- Excellent burnback performance
- Compatible with multiple equipment systems
- Contains no siloxanes



## DESCRIPTION

**SOLBERG® RE-HEALING™ 3X3 FLUORINE-FREE SP-100** (patent pending) foam concentrate contains cutting edge technology that is not persistent, contains no silicone/siloxane chemistries, and contains no intentionally added PFAS chemicals. SOLBERG RE-HEALING 3X3 FLUORINE-FREE SP-100 is designed for extinguishing and securing both Class B (hydrocarbon fuel and polar solvent fuel) and deep-seated Class A fires. This fluorine-free foam concentrate is a combination of proprietary hydrocarbon surfactants and additives delivering excellent foaming, vapor sealing, and stability properties for attacking and securing both shallow and fuel in-depth fires.

## APPLICATIONS

SOLBERG RE-HEALING 3X3 FLUORINE-FREE SP-100 is specifically designed for sprinkler applications to extinguish and secure Class B (hydrocarbon fuel and polar solvent) fuels. This technology allows it to be used successfully through both standard and air-aspirated sprinkler heads on both hydrocarbon and polar solvent fuel fires. SOLBERG RE-HEALING 3X3 FLUORINE-FREE SP-100 can also be used with low-expansion discharge devices, including a variety of nozzles and monitors. It is fully compatible and easily proportioned with standard firefighting equipment, including in-line inductors, self-inducting nozzles, fire truck pumps, bladder tanks, pump skids, balanced pressure systems, and more.

## SPRINKLER UL LISTINGS & FM APPROVALS

SOLBERG RE-HEALING 3X3 FLUORINE-FREE SP-100 is UL 162 Listed and FM 5130 Approved for use with Solberg Hardware, Bladder Tanks, Standard Non-Aspirated Sprinklers and Foam Water Sprinklers on hydrocarbon and polar solvent fuels. For full Sprinkler UL Listing and FM Approvals, refer to *Solberg Hardware – Fire Sprinklers - Technical Datasheet*.

## CERTIFICATIONS

- UL 162 Listed
- FM 5130 Approved
- Tested and certified to ICAO Level B - high performance on aviation fuels

SOLBERG RE-HEALING 3X3 FLUORINE-FREE SP-100 has been Underwriters Laboratories listed and Factory Mutual approved with the following equipment.

## RATIO CONTROLLERS & VARIABLE RANGE PROPORTIONERS

### FIXED ORIFICE RATIO CONTROLLERS & VARIABLE RANGE

Size	UL Range (GPM)	FM Range (GPM)
2"	52-255	72-244
2.5"	155-470	-
3"	210-570	146-612
4"	430-1370	475-1387
6"	877-2893	770-2610
6" VRP	35-2750*	110-1018*
8"	2324-5001	2499-4403
8" VRP	56-4112*	60-3850* (Pending)

\*Variable Range

# SOLBERG® RE-HEALING™ 3X3 FLUORINE-FREE SP-100

## USAGE RATE

TYPICAL PROPERTIES	
Specific Gravity, g/cm <sup>3</sup>	1.000 - 1.040
pH @ 68°F (20°C)	6.5 - 8.0
*Viscosity (#4 @ 30 rpm cP)	3000 - 5000
*Viscosity (#4 @ 60 rpm cP)	1700 - 2850
Freezing Point, °F	16°F (-8.9°C)
Lowest Temperature for Use, °F	35°F (1.7°C)

\* Brookfield DV Viscometer

## INSPECTION

SOLBERG RE-HEALING 3X3 FLUORINE-FREE SP-100 or a premix solution should be tested annually per National Fire Protection Association (NFPA 11) and EN-13565-2 standards. A sample of the foam concentrate should be sent to the manufacturer or qualified third-party lab to confirm physical properties and foam quality meet the specifications of the foam as originally supplied as per the requirements of NFPA 11 and EN-13565-2.

## PACKAGING

The product is supplied in 5 gallon pails, 55 gallon drums, and 265 gallon totes.

PART NUMBER	DESCRIPTION
10001267	5 gallon pail
10001266	55 gallon drum
10001265	265 gallon tote
20000098	Bulk



## FOR MORE INFORMATION

Contact any of our worldwide Perimeter Solutions Fire Safety offices or visit:  
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