



Angus Respondol ATF C 3-3%

Respondol ATF C 3-3 is a superior quality 3% synthetic fluorine free (FF) foam concentrate, designed for extinguishing and securing all types of flammable liquid fires and Class A incidents. Respondol ATF C 3-3 has been designed specifically for emergency responders who are faced with a variety of risks in a range of situations.

Respondol ATF C 3-3 is a patented combination of surfactants and other ingredients to produce a vapour sealing blanket of foam that rapidly spreads over the surface of the fuel to provide rapid control and extinguishment.

- Unique patented formulation only available from Angus Fire.
- Specifically designed for those emergency responders under environmental pressures.
- Approved to EN1568:2018 part 1, 2, 3 and 4 on all fuels and all water types.

**ANGUS**
FIRE

Features

- A superior quality 3% synthetic Fluorine Free Foam concentrate.
- Lower viscosity allows for easy induction.
- Provides a vapour-sealing blanket of foam that rapidly spreads over the fuel surface to provide rapid control and extinguishment.
- Use a 3% on hydrocarbons and polar solvents and is readily proportioned using conventional foam proportioning equipment - portable and fixed.

Applications

Respondol ATF C 3-3 is used in high risk situations where hydrocarbons (such as oils, gasoline, diesel fuel, and aviation kerosene) are stored, processed, or transported and/or polar solvents (such as alcohols, ketones, esters, and ethers) are stored, processed, or transported.

Respondol ATF C 3-3 provides a vapour suppressing foam blanket on unignited hydrocarbon spills.

Respondol ATF C 3-3 can also be used as a wetting agent in combating fires in Class A materials such as wood, paper, and tyres.

Approvals and listings

Respondol ATF C 3-3 is independently tested and certified to EN1568:2018 part 1, 2, 3 and 4 in both fresh and sea water.

Respondol ATF C 3-3 % has an ICAO Level B approval. Respondol ATF C 3-3 is fully GreenScreen Certified tot Silver version 2.2 (1e)

Equipment

Respondol ATF C 3-3 is intended for use at 3% on hydrocarbons and polar solvents. It is readily proportioned using conventional foam proportioning equipment such as portable and fixed (in-line) foam proportioners. Respondol ATF C 3-3 should be used with air aspirating discharge devices.

Compatibility

Respondol ATF C 3-3 is suitable for use in combination with:

- Soft or hard, fresh, brackish or sea water.
- Expanded protein-based or synthetic foams for application to a fire in sequence or simultaneously.

Environment

Respondol ATF C 3-3 is 100% biodegradable and is manufactured without any intentionally added fluorinated surfactants or fluorinated polymers.

Storage

Respondol ATF C 3-3 is exceptionally stable in long-term storage. A shelf-life of at least ten years can be expected if it is stored correctly.

Disposal

For fire water runoff and accidental spillage please refer to Angus Fire's Foam Disposal Guide and MSDS for more information.

Product Quality

Respondol ATF C 3-3 production is closely controlled, Angus Fire operates a quality management system which complies with the requirements of BS EN ISO 9001 and BS EN ISO 14001.



Can 25 litres



Drum 200 litres



Container 1000 litres



EN1568:2018

Typical Physico-Chemical Properties

Appearance		Light Yellow
Specific gravity @ 20°C (68°F)		1.01 - 1.05
pH @ 20°C (68°F)		7.5 - 8.5
Viscosity @ 20°C (68°F)	cP	Non-newtonian
Maximum continuous storage temperature	°C (°F)	49 (120)
Maximum intermittent storage temperature	°C (°F)	60 (140)
Freezing point	°C (°F)	-9 (15.8)
Effect of freeze/thaw		No loss of performance
Lowest use temperature	°C (°F)	-8 (17.6)

Typical Foam Properties:

Foam generated using the U.K. Defence Standard DEF42-40 5 lpm branchpipe at 7 Bar pressure. Foam collected in a 1630 ml N.F.P.A. drainage pan.

Induction rate		3
Expansion ratio		≥ 7:1
25% drainage time	hour/min/sec	≥ 1'00'00"

Typical Packing Specifications:

	Plastic Square	Plastic Square	Plastic Cylindrical	Plastic Cylindrical	Ecobulk MX
Capacity	25 litres	5 US gallons	200 litres	55 US gallons	1000 litres
Empty weight (kg)	1,2	0,8	9	9	70
Filled weight (kg)	27	20	215	223	1100
Dimensions (mm)	448 x 286 x 286	402 x 293 x 240	580 D x 922 H	580 D x 922 H	1200 L x 1000 W x 1160 H
Part number	FN0525G0P	FN0525T0P	FN0525J0P	FN0525W0P	FN0525L8