ANGUS FIRE

Municipal Foam Products

24 **Emergency Foam Service**
Call +44 (0)15242 61166

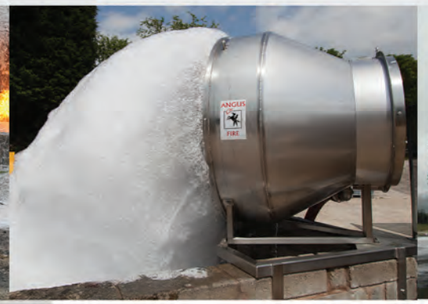
Doing what's right, rather than what's convenient Angus Fire prides itself on the open and honest way in which we conduct our business throughout the world. Our foams are an extension of our ethical beliefs and we pride ourselves in being the responsible foam manufacturer, balancing high performance with minimal environmental impact.

Angus Fire was one of the first foam manufacturers to offer a commercially available fluorine free foam, our chemists have worked hard to always push the boundaries of fluorine free technology

ANGUS FIRE

	Product	Description	GreenScreen	Class A	Class B	Municipal Fire Dept.	Industrial	Fixed System	UL 162	UL 139	EN1568	USDA - USFS	IMO	LASTfire	General Aviation	Hydrocarbon	Gasoline	15% Ethonal Gasoline	Polar	Structure	Wildland	Vapor	Fresh Water	Sea Water	NFPA 11	NFPA 18
Fluorine Free Foam	**Respondol ATF**	3% × 3% Alcohol Resistant Synthetic	✓		✓	✓	✓	✓	✓		✓		✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	
	Frontier	3% Synthetic Fluorine Free	✓	✓	✓	✓			✓							✓	✓			✓	✓	✓	✓		✓	
	Expandol Hi-Expansion	2% Fresh and Sea Water		✓	✓	✓	✓	✓		✓	✓				✓	✓				✓	✓		✓	✓	✓	
	Spitfire	Class A Fresh, Brackish, Sea Water		✓		✓														✓	✓		✓	✓		✓
	Hi-Combat A	Class A Fresh, Brackish, Sea Water		✓		✓						✓								✓	✓		✓	✓		✓
	Trainol Training Foam	1%, 3% or 6% For training purposes only.																								

For training purposes only. Not intended for actual firefighting use.



Ushering in Next Generation Foam Technology

GreenScreen Certified™ identifies products that are PFAS-free and avoids other chemicals of high concern. Look for the GreenScreen Certified logo when specifying Class B firefighting foam concentrates. Each ingredient, and potential key impurity, has been independently assessed against the EPA list of chemicals of concern and various human health and environmental end-points.

Respondol ATF™ 3% x 3%

Superior quality synthetic fluorine free foam concentrate, designed for extinguishing and securing all types of flammable liquid Class B and Class A incidents. Designed specifically for emergency firefighter responders who are faced with a variety of risks in a range of situations including fuel in-depth fires. UL listed in fresh and sea water, approved to IMO standard and passed LASTfire with excellent results in fresh and sea water.

Frontier™ 3%

Synthetic fluorine free foam concentrate is formulated for municipal and rural firefighters. Proven effective on various Class B spill fires of gasoline, diesel, and aviation fuels. Can also be used as a wetting agent on Class A structural fires and on wood, paper, and tires. UL listed with fresh water, Frontier is the economical choice.

Spitfire™ Class A

Synthetic firefighting foam concentrate specially formulated for Class A applications such as forestry and wildland fire control, structural and paper fires. The balanced chemical formulation in Spitfire reduces the surface tension of water to increase the penetrating power into burning Class A materials whereas plain water might normally run off. The foaming ingredient gives water the ability to adhere to vertical surfaces allowing water longer contact with the fuel.

Hi-Combat™ Class A

Synthetic fluorine free foam concentrate with USDA Forrest Service approval, meets NFPA 298 and criteria for using in ground apparatus, helicopter buckets and fixed wing aircraft in fresh, brackish, or salt water. Formulated for Class A fires such as forest and wildland fires, structural fires, tire fires, and paper fires. The foam solution provides a blanket of foam protection even on vertical surfaces. Capable of being discharged through a variety of methods including conventional fog nozzles, air aspirating nozzles, fixed or rotary wing delivery systems, and compressed air foam systems (CAFS).

Trainol™ Training Foam

Designed to provide firefighters and training institutions with an inexpensive and fluorine free foam concentrate training alternative. Formulated to simulate foam expansion and proportioning characteristics of standard firefighting foams. Trainol is 100% biodegradable and offers unique surfactant technology which minimizes fuel emulsification and allows for quick restart of training props.

Low Expansion Branchpipes and Nozzles

All engineered to precisely deliver foam wherever a water supply is available. Angus Hi-Combat™ low expansion foam branchpipes are designed for long range performance and are available in a variety of models. Our Raptor dual flow foam nozzle produces superior foam with various foam types. Nozzles are available for use in fixed, portable, remote, and handheld applications.

Medium Expansion Branchpipes and Pourers

Angus branchpipes and pourers produce medium expansion foam which is effective in a wide range of fires involving flammable liquids and solids. Fabricated in stainless steel, the units are tough, lightweight, and compact, easily fitting into fire appliance lockers. They produce long throws of a coherent foam stream at low pressures and the high volume of foam produced gives rapid coverage over a large area but with minimum water usage.

High Expansion Foam Units

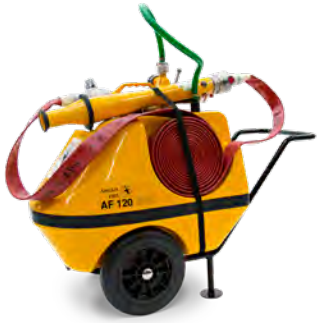
Foam generators are designed to produce large capacities of high expansion foam for fast and effective flooding of inaccessible spaces (e.g., basements, mines, tunnels, cable ducts, warehouses) with minimal water consumption and subsequently minimal water damage. The units utilize forced air technology and are powered by water turbines driving aero foil fans, so that only a pressurized water supply is required for operation. Can also be used for rapid smoke extraction and positive pressure ventilation.

Induction

The Angus Hi-Combat™ portable foam uniductor and Angus MEX eductors are designed to provide the simplest possible means of getting foam to the fire where it is needed. They can be placed near a portable pump or hydrant outlet, minimizing manpower requirements and leaving the firefighter to concentrate on effective application of the foam to control the fire situation.

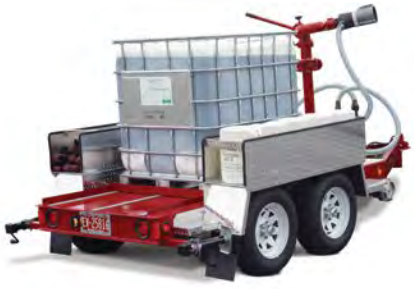
Mobile Foam Units

Engineered to precisely deliver foam wherever a water supply is available. Our trademark air aspirating design produces superior foam with various foam types, resulting in increased expansion and longer drainage times as compared to non-aspirating nozzles. Nozzles are available for use in fixed, portable, remote, and handheld applications. Resistant to corrosion and extremely durable, these nozzles have it all—exceptional range, excellent foam quality, and proven stream performance.



Foam Tote Trailers

Perfect for handling pails, drums, and the ideal substitute for a foam tanker during a major incident, Angus Fire Foam Tote Trailers are available in a variety of sizes and configurations. With a pre-piped trailer mounted monitor, these tote trailers can be placed into action immediately upon arrival without sacrificing speed, mobility, or capacity.



Station Road, High Bentham, Nr Lancaster, LA2 7NA, United Kingdom
Tel: +44 (0)1524 264000 Fax: +44 (0)1524 264180
E info@angusfire.com • **www.angusfire.com**

ANGUS FIRE