

BUYERS' GUIDE TO FIRE FIGHTING FOAM

If you're not sure which foam to buy, then the first question to ask yourself is "Will I ever need to fight a polar solvent fire?" (if you're not sure what a polar solvent is you'll find an explanation in the Angus foam "JargonBuster").

If your answer is yes (or even maybe) then the foam for you is **Niagara**. Niagara can be used on polar solvents as well as hydrocarbons. It puts fires out really fast thanks to its amazing "film forming" action. Every bubble has a tough protein skeleton that helps prevent fires from re-igniting and burning back again suddenly (essential for fire fighter safety!). It is the world's first UL Listed high fluidity multi-purpose foam, and it does not contain any harmful chemicals so it's extremely gentle on the environment. Another similar product you can use **Alcoseal**.

Not interested in polar solvents? Well, the next question to ask yourself is "What type of fire do I expect to fight?"

If it's mostly hydrocarbon spill fires you're planning for, then the foam for you is **Petroseal**. Petroseal is the same as Alcoseal except that it should not be used on polar solvents. It's a firm favourite among Airport Fire Services who need to put out aircraft crash spill fires as quickly as possible.

If your main risk is hydrocarbon storage tank fires, then you don't need a film-forming foam. That's because aqueous films cannot form on the hot fuel surfaces found in tank fires. What you need is a foam that can really hold its own in the heat of battle, and they don't come any better than **FP70**. FP70 is a fully approved 3% FluoroProtein foam that is the industry standard for storage tank fire protection. If you've got MTBE as well as hydrocarbons, then take a look at its big brother **FP70 Plus**. A budget grade FluoroProtein with standard approvals is **FP350**, and if you need a 6% version then try **FP570** or **FP600**.

What about AFFF I hear you ask? AFFF is old 1960s technology. Most fire professionals who need film-forming capability have switched to Alcoseal or Petroseal. These modern foams are much better at preventing sudden reignition and burnback, and are more environment friendly too. If you still want to buy an AFFF though, take a look at our top-of-the-range **Tridol S** or maybe our budget grade **Tridol C**.

If you still haven't found the right foam, then maybe you have a specialist risk. If you're interested in marine protection or maybe LNG storage tank protection then you'll need **Expandol** "high expansion" foam. Maybe you're interested in forest or structural fire fighting. In that case, you'll need **Forexpan**.

Hopefully by now you've got some idea of which foam is the right one for you. If so, then why not browse around the relevant section on this web site. If you're still not sure which foam you need, then give us a ring! Angus Fire makes every type of foam there is, so if we don't have the right foam for you then nobody will!

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