



Flash & Fire Point ¹



Fire Management operations typically occur in hot, dry, and dusty environments and around hot machinery. To protect fire-management personnel, it is important that products being handled and transferred between containers inside of or in close proximity to this machinery are unlikely to ignite during these operations.

Minimum acceptable temperatures have been set to limit hazardous exposure to flammable liquids.

The flash point is the minimum temperature of a liquid at which it gives off sufficient vapor to form an ignitable mixture with the air above the surface of the liquid under specified environmental conditions.

The fire point is the lower temperature at which a liquid will ignite and achieve sustained burning when exposed to a test flame.

Product Performance Data on next page

1

Standard Test Procedure 1.7 gives instructions for the flash and fire point tests. Performed in accordance with ASTM D-92.



Flash Point and Fire Point ¹ Class A Foam Concentrates



Product	Flash Point	Fire Point
Tyco Silv-Ex	✓	✓
FireFoam 103B	✓	✓
Phos-Chek WD 881	✓	✓
FireFoam 104	✓	✓
Angus ForExpan S	✓	✓
Pyrocap B-136	✓	✓
Phos-Chek WD 881-C	✓	✓
National Foam KnockDown	✓	✓
Summit FlameOut	✓	✓
Angus Hi-Combat A	✓	✓
Buckeye Platinum Class A	✓	✓
Chemguard First Class	✓	✓
Solberg Fire-Brake 3150A	✓	✓
First Response	✓	✓
Silv-Ex Plus	✓	✓
1% Bushmaster "A" Class Foam	✓	✓
Phos-Chek WD881A	✓	✓
Fomtec Enviro Class A	✓	✓
Bio-Ex Ecopol-F	✓	✓
SparkBarrier	✓	✓

Notes:

1	Standard Test Procedure 1.7 gives instructions for the Open Cup Flash and Fire Point tests. Performed in accordance with ASTM D-92.
✓	Complies with FS 5100-307a; Flash point is greater than 140°F (60°C). No Fire Point criteria currently listed.