

TF-136

HIGH VISCOSITY TRAINING FOAM

TYPICAL PHYSICAL PROPERTIES (Concentrate)

Specific gravity @ 68° F (20° C)	1.02
pH @ 68° F (20° C)	7.5
Viscosity, cone and plate, mPa.s @ 68° F (20° C)	74/260
Freezing point	<-5° C

TYPICAL PROPERTIES (Solution)

Dilution rate	1%	3%	6%
Surface tension at @ 68° F (20° C) demineralized water	33	33	33
Interfacial tension with cyclohexane at @ 68° F (20° C)	4	4	4
Low expansion foam (EN 1568-3)			
Foam expansion index	7.0	8.2	8.4
25% drainage time, min	3	9	21
Medium expansion foam (EN 1568-1)			
Foam expansion index	-	120	130
25% drainage time, min	-	6:00	14:00

At 3%, TF-136 fulfils the EN-1568-1 standard for medium expansion foams and the EN-1568-3 for low expansion foams (class IIID).



DESCRIPTION

Phos-Chek® TF-136 is an organohalogen free synthetic training foam, made with biodegradable surfactants, that simulates alcohol resistant type foams. It is compatible with standard proportioning equipment and can be proportioned at 1%, 3%, or 6% and produce quality foam through most foam discharge devices. The product has extinguishing capability on both Class A and B (hydrocarbon) type fires and has been specially formulated with reduced burn back resistance to enable successive fire tests on the same fuel fire.

PACKAGING

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



For more information, contact any of our worldwide Perimeter Solutions Fire Safety offices or visit us at www.Phos-Chek.com or Perimeter-Solutions.com

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HANDLING PRECAUTIONS

- FOR DETAILED SAFETY INFORMATION, please refer to the SDS.
- Precautionary Measure and First Aid: Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary contact and removal of the material from the eyes, skin and clothing.
- Eye Protection: As a good industrial practice, the use of chemical goggles is recommended. If in the eyes, flush immediately with water. Eye flushing equipment should also be available.
- Skin Protection: Wear protective gloves when handling concentrate to minimize skin contact. Wash hands and contaminated skin after handling.
- Respiratory Protection: None required. The location for public viewing of the SDS is on www.phos-chek.com

SHELF LIFE, INSPECTION AND TESTING

The shelf life of any foam concentrate is maximized by proper storage conditions and maintenance. Factors affecting shelf life are wide temperature changes, extreme high or low temperatures, evaporation, dilution, and contamination by foreign materials. Properly stored Phos-Chek Training Foam TF-136 should have no significant loss of training performance for 10+ years. However, the National Fire Protection Association (NFPA) recommends annual testing of all firefighting foams.

STORAGE AND HANDLING

The concentrate should be stored at temperatures between 32°F (0°C) and 122°F (~50°C), preferably in the original containers.

NOTICE

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