



# U.S. COAST GUARD TESTING ON FROTH-PAK™ FOAM SEALANT



**Scope:** This is a summary of test results for FROTH-PAK™ Foam Sealant kit based on U.S. Coast Guard Test on Flotation Materials (Code of Federal Regulations, Book 33, Article 183.114).\* A five percent (5%) buoyancy loss is the maximum allowable buoyancy loss for all tests. Dimensional stability data is also included.

**Samples:** FROTH-PAK™ Foam Sealant kit (Batch Lot B16396) was shot into test boxes. After waiting a minimum of 24 hours, the foam was cut into 21 - 2" x 2" x 2" samples for the test.

**Procedure:** Fluids were obtained from sources stated in ASTM D471 with the exception of the bilge cleaner, which was defined in the CFR as five percent (5%) solution of sodium triphosphate. This solution was made in the lab. Buoyancy loss determination was done according to ASTM D2842. An additional measurement before the samples were submerged in solution was made for dimensional stability calculations.

Results	% Buoyancy Loss	% Volume Change	P/F
1) Ref. Fuel B/24 Hours	-0.064	0.795	PASS
2) Ref. Fuel B/30 Days	-3.85	3.34	PASS
3) ASTM #2 Oil/24 Hours	-1.60	-0.135	PASS
4) ASTM #2 Oil/30 Days	0.00	-0.591	PASS
5) Bilge Cleaner/24 Hours	0.33	1.109	PASS
6) Bilge Cleaner/30 Days	-1.05	1.683	PASS
7) Ref. Fuel B Vapor @38°C/30 Days	-0.22	3.643	PASS

**Conclusion:** FROTH-PAK™ Foam Sealant kit passes all criteria set by the U.S. Coast Guard on Flotation Materials.

\*Test was conducted in-house (Dow Polyurethanes Testing Lab in Wilmington, IL) based on the stated U.S. Coast Guard Method and is not certified by the USCG.  
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