



1300 Prospect Street
High Point, NC 27260

FOAM SPECIFICATION SHEET

N65S2040FRC Specification

Polyester Polyurethane Foam

This product is certified to UL94HF-1 testing protocol, but is not registered with UL.

Revision: 5

Revision Date: 8/3/2018

TEST PROPERTY:	REQUIREMENT		UNITS	METHOD
	MINIMUM	MAXIMUM		
Density	1.85	2.1	lb/ft ³	ASTM D 3574, Test A
25% IFD	40		lbs	ASTM D 3574, Test B1
Tensile Strength	18		psi	ASTM D 3574, Test E
Elongation	175		%	ASTM D 3574, Test E
Tear Strength	2		lb/in	ASTM D 3574, Test F
25% CFD	0.4		psi	ASTM D 3574, Test B-1
Air Flow - Dow	0.5		cfm	
Pore Size	60	70	ppi	Visual
UL94HF-1	Pass			ASTM D 4986
MVSS302	Pass	102	mm/min	
Service Temperature	Pass	-40	300	°F Based on mandrel pliability test
Color	Charcoal		NA	Visual
MIL-PRF-26514G, TYPE 1, CLASS 2, GRADE C	Passes with the exception of the hydrolytic component			



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POLYURETHANE FOAM SAFETY BULLETIN

Flexible polyurethane foam, like all organic materials, will burn if exposed to a sufficient heat source. While the ignition temperature of flexible polyurethane foams may vary depending upon their chemical formulations, all polyurethane foams can burn and should be handled accordingly.

The potential risks from improper handling of flexible polyurethane foam are the risk of fire and resulting risks from toxic thermal decomposition products. Once ignited, polyurethane foams may melt to form flammable liquids, and will burn rapidly releasing great heat, consuming oxygen at a high rate, and generating dense smoke and toxic gases. In addition, gases released by the burning foam can be incapacitating or fatal if inhaled in sufficient quantities. In an enclosed space the resulting deficiency of oxygen will present a danger of suffocation to the occupants.

Any reference made with regard to any of our polyurethane products as being "Combustion Modified" is not to be constructed as a guarantee, either express or implied, that these products will not burn and only indicates that a particular formulation has been tested under controlled laboratory conditions and meets or exceeds the requirements as set forth by a specific state or federal flammability standard. Furthermore, Future Foam, Inc. hereby only certifies that a particular formulation meets the requirements of a specific flammability standard on the day it is tested and does not guarantee that the same product will meet requirements of the same test at any time in the future. Future Foam, Inc. does not make any guarantees, either expressed or implied, concerning the flammability characteristics of these products under actual fire conditions, and hereby specifically disclaims any liability incurred as a result of fire.



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