



Technical Data Bulletin

501 South Water St. • Stoughton, WI 53589

A Uniroyal Technology Co.

PHOENIX:

**"PHOENIX"
(PH)**

Revised 12/01
(SPS-0194)

DESCRIPTION:

Expanded vinyl on Jersey Knit.
Flameblocker Naugahyde with advanced "BeautyGard"
protective finish.

MATERIAL CHARACTERISTICS:

REQUIREMENTS:

**TEST
METHOD**

	<u>STD</u>	<u>MIN</u>	<u>MAX</u>	
Width, inches		54		191A-5020
Weight, oz/yd	24.3	22.3	26.3	191A-5041
Thickness, mils	50	45	54	CS-273-65
Coating/Fabric Bond lb./in				
Machine Direction		3.0		CS-273-65
Cross Direction		3.0		"
Tensile Strength, lb.				
Machine Direction		55		191A-5100
Cross Direction		55		"
Tearing Resistance, lb. (Trapezoid Method)				
Machine Direction		7		191A-5136
Cross Direction		10		"

(continued)

"ALL RECOMMENDATIONS FOR THE USE OF THE PRODUCT OR PRODUCTS DESCRIBED HEREIN AND ALL OTHER DATA OR INFORMATION SET FORTH IN THIS BULLETIN, WHETHER CONCERNING SUCH PRODUCTS OR OTHERWISE, ARE FURNISHED WITHOUT ANY GUARANTEE, WARRANTY, REPRESENTATION OR INDUCEMENT OF ANY KIND, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND UNIROYAL EXPRESSLY DISCLAIMS LIABILITY UNDER ANY THEORY INCLUDING, WITHOUT LIMITATION, CONTRACT, NEGLIGENCE, MISREPRESENTATION OR BREACH OF ANY OBLIGATION RELATING TO THE RECOMMENDATION, DATA OR INFORMATION SET FORTH HEREIN. READERS AND CUSTOMERS ARE ENCOURAGED TO CONDUCT THEIR OWN TESTS. READ ALL LABELS AND INSTRUCTIONS BEFORE USING ANY PRODUCT."

WHERE FLAME, SMOKE, FIRE CODES, ETC. ARE INDICATED, THE FOLLOWING APPLIES:
"THIS TERM AND ANY CORRESPONDING DATA REFER TO TYPICAL PERFORMANCE IN THE SPECIFIC TESTS INDICATED AND SHOULD NOT BE CONSTRUED TO IMPLY THE BEHAVIOR OF THIS OR ANY OTHER MATERIAL UNDER OTHER FIRE CONDITIONS."

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<u>MATERIAL CHARACTERISTICS:</u>	<u>REQUIREMENTS:</u>	<u>TEST METHOD</u>
Flexing	No separation of vinyl foam from vinyl skin or base fabric after 15000 cycles	CS-273-65 Newark
Abrasion Resistance	No wear through to vinyl foam at 500 double rubs.	191A-5304 Wyzenbeek
	No wear through to vinyl foam after 250,000 double rubs with #8 cotton duck.	CFFA-1a Wyzenbeek
Blocking	Scale rating No. 3 maximum.	191A-5872
Croaking	Good - minimum	191A-5651
Oil Resistance	No permeation of coated fabric	CID-A-A-2950A*
Low Temperature Resistance	-20 degrees Fahrenheit (No Cracking)	191A-5874 5# roller
Accelerated weathering Resistance	No appreciable fading, discoloration or stiffness after 225.6 kJ/m ²	SAE J 1885 Weatherometer
Smoke of Combustion	Maximum 199 Ds at 4 minutes or 199 maximum Dm-corr. if Dm-corr. is greater at less than 4 minutes	ASTM E-662

PHOENIX is formulated to meet the small scale flammability test requirements for upholstered materials contained in the following specifications:

CID-A-A-2950A* Federal Test Method Standard 191A-5903
MVSS-302
FAR 25.853a, Appendix F Part I(a)(1)(ii)
BIFMA, Screen Test 4.6.1.1
Port Authority of NY & NJ
Boston Fire Dept. IX-1
California Technical Bulletins 117 (Section E) and may pass 133**, when used with other suitable component materials.
Urban Mass Transportation Adm. (Smoke Requirement)

Test Method Codes: "191A" -Federal Test Method Standard 191A Textile Test Methods
"CS" -Commercial Standard, Dept. of Commerce
"GM" -General Motors Specification
"SAE" -Society of Automotive Engineers

* CID-A-A-2950A supersedes Federal Specification CCC-A-680a.

** When used with melamine polyurethane foam or HR polyurethane foam which meets California Bulletin #117 requirements. All data regarding Naugahyde 2-200 Flame Blocker fabric was obtained using specific test methods under controlled laboratory conditions to measure performance against specific codes or specifications. While Uniroyal views the product as a significant improvement over existing technology, all organic materials will burn and generate smoke under fire conditions. Upholstered furniture using Naugahyde Flame Blocker and other suitable components may comply with full scale test, Cal TB 133. Test results will vary depending on design and construction.