



Technical Data Bulletin

501 South Water St. • Stoughton, WI
 53589 Customer Service: 800-873-8800
 Sales: 888-645-2542

PATTERN: "ZODIAC" (ZD) Revised 12/99
(SPS-0096)

DESCRIPTION: Vinyl on Jersey Knit.
 Advanced "BeautyGard" protective finish.

MATERIAL CHARACTERISTICS:	REQUIREMENTS		TEST METHOD
	MIN	MAX	
Width, inches	54		191A-5020
Weight, oz/yd ²	23.7	21.7 - 25.7	191A-5041
Thickness, mils	45	40 - 50	191A-5030
Coating/Fabric Bond lb./in		3.5	CFFA-3A
Tensile Strength, lb.			
Machine Direction	65		CFFA-17
Cross Direction	60		"
Tearing Resistance, lb.			
(Trapezoid Method)			
Machine Direction	13		CFFA-16C
Cross Direction	12		"

(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 PRODUCTS."

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."

TECHNICAL DATA BULLETIN

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**"ZODIAC"
(ZD)**

MATERIAL CHARACTERISTICS:	REQUIREMENTS	TEST METHOD
Abrasion Resistance	4100 cycles with 2.5# tension, 3.5# load, 320-E 9/0 sandpaper. Shall not wear through the solid film layer.	CFFA-1 Wyzenbeek
Blocking	3 Maximum	CFFA-4
Crocking	No appreciable discoloration of the cloth patch.	CFFA-7A
Accelerated Weathering Resistance	No appreciable discoloration, fading or stiffening after 138 hours	ASTM G-23 Weather-o-meter
Accelerated Ultraviolet	No appreciable discoloration, fading or stiffening after 120 hours	ASTM G-25 Fadeometer
Low temperature Resistance	No cracking at -20 degrees Fahrenheit	191A-5874 5# roller

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

Motor Vehicle Safety Standard No. 302
California Technical Bulletin 117-2013
BIFMA, Screen Test 4.6.1.1

Test Method Codes: "191A" -Federal Standard 191A Textile Test Methods
"CFFA"-Chemical Fabrics and Film Assn.
"CS" -Commercial Standard, Dept. of Commerce