



Technical Data Bulletin

501 South Water St. • Stoughton, WI 53589

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PATTERN: "OXEN (OX) Revised 9/01 (SPS-0182)

DESCRIPTION: Expanded vinyl on Jersey Knit. Advanced "BeautyGard" protective finish.

MATERIAL CHARACTERISTICS:	REQUIREMENTS			TEST METHOD
	STD	MIN	MAX	
Width, inches		54		191A-5020
Weight, oz/yd ²	16.8	15.5	18.1	191A-5041
Thickness, mils	45	40	50	Cs-273-65
Coating/Fabric Bond lb/in		3.0		CFFA-3A
Tensile Strength, lb				
Machine Direction		40		CFFA-17
Cross Direction		40		"
Tearing Resistance, lb				
(Trapezoid Method)				
Machine Direction		12		CFFA-16C
Cross Direction		12		

(continued)

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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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Revised 9/01
(SPS-0182-1)

**"OXEN"
(OX)**

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
	No wear through the solid film layer after 250,000 double rubs with #8 cotton duck.	CFFA-1a Wyzenbeek
Blocking	3 Maximum	CFFA-4
Crocking	No appreciable discoloration of the cloth patch.	CFFA-7A
Low temperature Resistance No cracking	No cracking at -20 degrees Fahrenheit	191A-5874 5# roller
Accelerated weathering Resistance	No appreciable fading, discoloration or stiffness after 138 hours	ASTM G-23 Weatherometer
Accelerated Ultraviolet Exposure Resistance	No appreciable fading, discoloration or stiffness after 120 hours	ASTM G-25 Fadeometer

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

MVSS-302 Motor Vehicle Safety Standard
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