



**Technical Data Bulletin**

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**"SPIRIT SUPREME"**

(SST)

Revised 2/16  
(SPS-0296)

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

MATERIAL CHARACTERISTICS:	STD	REQUIREMENTS		TEST METHOD
		MIN	MAX	
Width, inches		54		CFFA-700a
Weight, oz/yd <sup>2</sup>	24.5	23.0	26.0	CFFA-700d
Thickness, mils	50	46	55	CFFA-700C
Coating/ Fabric Bond lb./in				
Machine Direction		3.0		CFFA-3a
Cross Direction		3.0		
Tensile Strength, lb.				
Machine Direction		65		CFFA-17
Cross Direction		60		
Tearing Resistance, lb. (Trapezoid Method)				
Machine Direction		14		CFFA-16c
Cross Direction		12		
Stitch Tear				
Machine Direction		25		CFFA-14
Cross Direction		20		

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"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>	REQUIREMENTS	TEST METHOD
Stretch percent Machine Direction Cross Direction	5 minimum 25 minimum	CFFA-15
Abrasion Resistance	No wear through to vinyl foam at 500 double rubs with 240 grit silicon-carbon cloth.	CFFA-1a Wyzenbeek
	No wear through to vinyl foam at 3,000,000 double rubs on #8 cotton duck.	CFFA-1a Wyzenbeek
Blocking	Scale rating No. 3 maximum.	CFFA-4
Crocking	Good - minimum	CFFA-15
Low temperature Resistance	No cracking at -20 degrees Fahrenheit	CFFA-6a 5# roller
Accelerated weathering Resistance	No appreciable fading, discoloration or stiffness after exposure to 225.6 kJ/m <sup>2</sup> @ 340 nm	SAE-J1885 Weatherometer
Plasticizer weight loss Percent activated Carbon extraction	10 percent maximum after 48 hours at 220°F	
Volatility	10 percent maximum	CFFA-18
Flexing (Newark)	No separation of vinyl foam from vinyl skin or base fabric after 15000 cycles	CFFA-10

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<u>MATERIAL CHARACTERISTICS:</u>	REQUIREMENT	TEST METHOD
Oil Resistance	Oil shall not permeate coated fabric	CFFA-13
Sulfide Stain	No yellowing or shade alteration	GM 9069 P
Blue Jean Stain	Stain can be removed after 1000 cycles	ISO 26082 Procedure 2

SPIRIT SUPREME 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 Bulletin 117-2013 (Section 1 - Cover Fabric)  
NFPA 260 Cover Fabric Class I  
IMO 2010 FTP Code Resolution MSC.307(88): Annex I - Fire Test Procedures,  
Part 8 - Test for Upholstered Furniture  
- Smouldering Cigarette (Section 3.1)  
- 20 seconds propane flame (Section 3.2)

Test Method Codes: "CFFA" -Chemical Fabrics and Film Assn.  
"GM" -General Motors Specification