



Govmark Flammability Testing



September 2008

ASTM D 3690
Vinyl-Coated & Urethane-Coated Upholstery Fabrics - Indoor

Property:	Test:	Yardage Required	Performance Time
[] 1. Breaking Force (Tensile Strength)	ASTM D 5034	½ yard	5 – 7 days
[] 2. Tongue Tear Strength	CFFA 16, Method B (FTM 5134)	½ yard	5 – 7 days
[] 3. Tack-Tear Resistance	ASTM D 751	½ yard	7 – 10 days
[] 4. Adhesion of Coating to Substrate:			
(a) Initial Test	ASTM D 751	¼ yard	7 – 10 days
(b) Test After Hydrolytic Exposure	ASTM D 751	¼ yard	20 – 30 days
[] 5. Surface Abrasion:			
(a) Initial Test, 200 cycles	ASTM D 3884	½ yard	5 – 7 days
(b) Test After Hydrolytic Exposure, 25,000 cycles	ASTM D 4157	1 yard	20 – 25 days
[] 6. Resistance to Flexing:			
(a) Initial Test	ASTM D 2097	¼ yard	7 – 10 days
(b) Test After Hydrolytic Exposure	ASTM D 2097	¼ yard	20 – 30 days
[] 7. Blocking at Elevated Temperature	CFFA 4 (FTM 5872)	¼ yard	5 – 7 days
[] 8. Resistance to Cracking at Low Temperature	ASTM D 2136	¼ yard	5 – 7 days
[] 9. Colorfastness to Crocking, Wet & Dry	AATCC 8 or AATCC 116	¼ yard	5 – 7 days
[] 10. Colorfastness to Light, 120 hours	AATCC 16, Option 3	¼ yard	10 – 14 days
[] 11. Loss of Plasticizer (Volatility)	ASTM D 1203, Method A	¼ yard	10 – 14 days
[] 12. Flammability	**	**	**

*** This test is also required to be conducted after 15 days of Hydrolytic Stability Exposure @ 158°F and 98% RH.**

** No specific flammability test is cited, but shall be as agreed upon between the purchaser and the supplier (except when regulated by applicable government mandatory standards).

TOTAL YARDAGE REQUIRED (for tests 1 through 12): 10 yards

Testing / ASTM D 3690