



**CASUAL OUTDOOR FURNITURE FABRIC
ACFFA Fabric Performance Standards
Group A: Woven PVC, Acrylic and Olefin**

TEST	METHOD	SAMPLE SIZE
1. Tensile Strength	ASTM D 5034	18" x full width
2. Tear Strength	ASTM D 5733/D 2261	18" x full width
3. Seam Slippage	ASTM D 4034	18" x full width
4. Abrasion:		
(a) PVC: Taber 1,000 cycles	ASTM D 3884	12" x 12"
(b) Olefin: Wyzenbeek 9,000 double rubs	ASTM D 4157	18" x full width
(c) Acrylic: Wyzenbeek 15,000 double rubs	ASTM D 4157	18" x full width
5. Flammability:	(a) UFAC Fabric Classification	18" x 45"
	(b) CA TB 117 Section E	24" x 24"
6. Crocking	AATCC 8	14" x 14"
7. Bow & Skew	ASTM D 3882	36" x full width
8. Lightfastness:		
(a) PVC: 1,000 hours	ASTM G 154	16" x 16"
(b) Acrylic or Olefin: 2,000 hours	ASTM G 154	16" x 16"

Sample Size: 5 yards for all of the above tests.

(Next page for Group B: Prints on Woven Base Cloths)

**CASUAL OUTDOOR FURNITURE FABRIC
ACFFA Fabric Performance Standards
Group B: Prints on Woven Base Cloths**

TEST	METHOD	SAMPLE SIZE
1. Tensile Strength	ASTM D 5034	18" x full width
2. Tear Strength	ASTM D 2261	18" x full width
3. Seam Slippage	ASTM D 4034	18" x full width
4. Abrasion: Wyzenbeek	ASTM D 4157	18" x full width
5. Pilling	ASTM D 3512	18" x full width
6. Flammability:	(a) UFAC Fabric Classification	18" x 45"
	(b) CA TB 117 Section E	24" x 24"
7. Crocking	AATCC 8	14" x 14"
8. Spray Rating	AATCC 22	36" x full width
9. Bow & Skew	ASTM D 3882	36" x full width
10. Lightfastness 500 hours	ASTM G 154	16" x 16"

Sample Size: 5 yards for all of the above tests

(Previous page for Group A: Woven PVC, Acrylic, and Olefin)

OTHER GOVMARK SERVICES:		
FLAMMABILITY TESTING...		
Apparel British Upholstery Standards Building & Fire Codes Drapery Fabric	FAR & Commercial Airlines Flexible Foams & Plastic Materials Mattresses, Ticking, & Mattress Pads Miscellaneous Flammability Tests	Textiles (Non Flammability Tests) UL 94 Upholstery Fabric & Upholstered Furniture Wallcoverings
FLAMMABILITY TESTERS...		
45 Degree Cabinet Horizontal Cabinet ASTM E 162 Radiant Panel Tester TPP Tester	Flooring Radiant Panel Tester Smoke Density Chamber Vertical Cabinet FTM 5903 Rate of Heat Release (OSU Apparatus) Children's Sleepwear Equipment	FAA Seat Cushion Tester FAA Cargo Liner Tester NFPA Small Scale Cabinet NFPA Large Scale Cabinet
Govmark's FLAMMABILITY PUBLICATION...		
The Govmark Book on Flammability Standards and Flammability Test Methods of Textiles, Plastics, and Other Materials Used in Home and Contract Furnishings: Analyses of Codes Contains easy-to-understand summaries and sketches of test methods. Anticipated publication date: December 2003.		