

fire retardancy 



Flammability testing determines a fabric's resistance to burning.

Upholstery	California Technical Bulletin 117-2013 Section E
Direct Glue Wallcoverings	ASTM E84-07 (adhered method)
Panels and Upholstered Walls	ASTM E84-07 (unadhered method)
Drapery	N.F.P.A. 701 Method 1

colorfastness to light 

Colorfastness to light is the degree to which fabric will retain its color when exposed to light.

Upholstery	AATCC 16 Option 1 or 3-2003 Class 4 Minimum at 40 hours
Direct Glue Wallcoverings	AATCC 16 Option 1 or 3-2003 Class 4 Minimum at 40 hours
Panels and Upholstered Walls	AATCC 16 Option 1 or 3-2003 Class 4 Minimum at 40 hours
Drapery	ASTM 16 Option 1 or 3-2003 Class 4 Minimum at 40 hours

abrasion  heavy duty  general contract

Abrasion is the ability of a fabric to withstand damage from wear and rubbing. There is a general contract specification as well as a heavy duty specification.

General Contract	ASTM D4157-02 (ACT approved #10 cotton duck) 15,000 double rubs Double Rubs Wyzenbeek Method or ASTM D4966-98 (12 KPa pressure) 20,000 cycles Martindale method
Heavy Duty Upholstery	ASTM D4157-02 (ACT approved #10 cotton duck) 30,000 double rubs Double Rubs Wyzenbeek method or ASTM D4966-98 (12 KPa pressure) 40,000 cycles Martindale method

colorfastness to wet & dry crocking 

Colorfastness to wet & dry crocking refers to the rubbing off of color from the fabric onto clothing, hands or other materials and can occur under wet or dry conditions.

Upholstery	AATCC 8-2001 Dry Crocking, Class 4 minimum Wet Crocking, Class 3 minimum
Direct Glue Wallcoverings	AATCC 8-201 Dry Crocking, Class 3 minimum Wet Crocking, Class 3 minimum
Panels and Upholstered Walls	AATCC 8-2001 Dry Crocking, Class 3 minimum Wet Crocking, Class 3 minimum
Drapery	AATCC 8-2001 (solids) Dry Crocking, Class 3 minimum Wet Crocking, Class 3 minimum AATCC 116-2001 (prints) Dry Crocking, Class 3 minimum Wet Crocking, Class 3 minimum Class 3 minimum

physical properties 

Piling is the formation of fuzzy balls of fiber on the surface of a fabric that remain attached to the fabric. Breaking strength is the measurement of stress exerted to pull a fabric apart under tension. Seam slippage is the movement of yarns in a fabric that occurs when it is pulled apart at a seam.

Upholstery	Brush pill ASTM D3511-02, Class 3 minimum Breaking strength ASTM D5034-95 (2001) (Grab Test) 50 lbs. minimum in warp & weft Seam slippage ASTM D4034 25 lbs. minimum in warp & weft
Panels and Upholstered Walls	Breaking strength ASTM D5034-95 (2001) (Grab Test) 35 lbs. minimum in warp & weft
Drapery	Seam slippage ASTM D3597-434-75 for fabrics over 6oz./sq. yard, 25 lbs. min. in warp & weft Seam slippage ASTM D3597-02-D434-95 for fabrics under 6oz./sq. yard, 25 lbs. min. in warp & weft

cleaning codes

Code S

Recommended Cleaning Instructions

To prevent overall soil, frequent vacuuming or light brushing to remove dust and grime is recommended. Spot clean, using a mild water-free solvent or dry cleaning product. Clean only in a well ventilated room and avoid any product containing Carbon Tetrachloride or other toxic materials. Pretest small area before proceeding. Cleaning by a professional furniture cleaning service only is recommended.

Caution: Never remove cushion covers for separate dry cleaning or washing, even though they do have zippers. Do not use bleach at any time. The use of steam or water-based cleaners may cause excessive shrinking or staining of this fabric. Do not use any tumble method cleaning service as this may destroy the backing of the fabric, shrink or otherwise damage the upholstery fabric.

Code W

Recommended Cleaning Instructions

To prevent overall soil, frequent vacuuming or light brushing to remove dust and grime is recommended. Spot clean, using the foam only from a water-based cleaning agent such as a mild detergent or non-solvent upholstery shampoo product. Apply foam with a soft brush in a circular motion. Vacuum when dry. Pretest small area before proceeding. Use a professional furniture cleaning service when an overall soiled condition has been reached.

Caution: Never remove cushion covers for separate dry cleaning or washing, even though they do have zippers. Do not use bleach or any tumble method cleaning service as this may destroy the backing of the fabric, shrink or otherwise damage the upholstery fabric.

Code WS

***Recommended Cleaning Instructions**

To prevent overall soil, frequent vacuuming or light brushing to remove dust and grime is recommended. Spot clean, with a mild solvent, an upholstery shampoo, or the foam from a mild detergent. When using a solvent or dry cleaning product, follow instructions carefully and clean only in a well ventilated room. Avoid any product which contains Carbon Tetrachloride or other toxic materials. With either method, pretest a small area before proceeding. Use a professional furniture cleaning service when an overall soiled condition has been reached.

Caution: Never remove cushion covers for separate dry cleaning or washing, even though they do have zippers. Do not use bleach or any tumble method cleaning service as this may destroy the backing of the fabric, shrink or otherwise damage the upholstery fabric.

***Bleach Cleanable Fabrics:** Bleach cleanable with a water/household bleach solution that must be extracted within 30 seconds. Check each fabric for specific water/household bleach ratio.

Code X

Recommended Cleaning Instructions

Clean this fabric only by vacuuming or light brushing to prevent accumulation of dust or grime. Water-based foam cleaners or solvent-based cleaning agents of any kind may cause excessive shrinking, staining, discoloration or distortion of the surface pile and, therefore, should not be used.

Caution: Never remove cushion covers for separate dry cleaning or washing, even though they do have zippers. Do not use any tumble method cleaning service as this may destroy the backing of the fabric, shrink or otherwise damage the upholstery fabric.