fire retardancy
Flammability testing determines a fabric's resistance to burning.
- Upholstery: California Technical Bulletin #117 Section E
- Direct Glue Wallcoverings: ASTM E 84-07 (adhered method)
- Panels and Upholstered Walls: ASTM E 84-07 (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

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 4 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
- AATCC 116-2001 (prints) Dry Crocking, Class 4 minimum
- Wet Crocking, 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

abrasion
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