

ACT PERFORMANCE SYMBOLS

GLOBAL FABRIC SAMPLE CARDS DISPLAY THE FOLLOWING ACT FABRIC PERFORMANCE SYMBOLS:

THE ASSOCIATION FOR CONTRACT TEXTILES (ACT) HAS DEVELOPED THE FOLLOWING PERFORMANCE GUIDELINES TO MAKE FABRIC SPECIFICATION EASIER. THE FIVE SYMBOLS GIVE ARCHITECTS, DESIGNERS AND END USERS A VAST AMOUNT OF PERFORMANCE INFORMATION IN A SUCCINCT, VISUAL WAY. THIS CHART LISTS THE REQUIRED TESTS THAT CORRESPOND TO SPECIFIC END USES. AN EXPLANATION OF THE SYMBOL ALSO APPEARS.

FIRE RETARDANCY

Flammability testing determines a fabric's performance and resistance to burning.



APPLICATION

Upholstery
Panels and upholstered walls

PASSES

California bulletin 117, section E.
ASTM E 84-03 Class A or Class 1 (unadhered method).

COLOR FASTNESS TO WET & DRY CROCKING

Color fastness 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.



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PASSES

AATCC 8-2001 Dry crocking. Class 4 minimum.
Wet crocking, Class 3 minimum.
AATCC 8-2001 E 84 (unadhered method).

COLOR FASTNESS TO LIGHT

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



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PASSES

AATCC option 2-2003 or AATCC - option 3-2003.
Class 4 minimum of 40 hours.
AATCC option 2-2003 or AATCC - option 3-2003.
Class 4 minimum of 40 hours.

PHYSICAL PROPERTIES

Three physical property tests include: 1 - Brush pill test to determine a fabric's pilling (the formation of fuzzy galls of fiber on the surface of a fabric). 2 - Breaking/tensile strength is the ability of a fabric to withstand tension without breaking or tearing. 3 - Seam slippage is the pulling apart of fabrics at the seams.



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Brush pill ASTM D3511-02, 3 minimum.
Breaking strength ASTM D5034-95 (2001) 50 lbs. minimum in warp & weft.
Seam slippage ASTM D4034 25 lbs. minimum in warp & weft.
Breaking strength ASTM D5034-95 (2001) (grab test).
35 lbs. minimum 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.



APPLICATION

General contract upholstery
Heavy duty upholstery

PASSES

ASTM D4157-02 (#10 cotton duck) 15,000 double rubs, Wyzenbeek method.
ASTM D4966-98 (12 KPA pressure) 20,000 double rubs, Martindale method.
ASTM D4157-02 (#10 cotton duck) 30,000 double rubs, Wyzenbeek method.
ASTM D4966-98 (12 KPA pressure) 40,000 double rubs, Martindale method.