

**ENGINEERING SPECIFICATIONS
"HOPSCOTCH" - 2823**

I SUBJECT

Material Specifications for "HOPSCOTCH" Panel Fabric as manufactured by Guilford of Maine.

This specification covers manufacturing standards, composition, construction, performance properties, and flammability resistance performance of the standard "HOPSCOTCH" Panel Fabric.

II MANUFACTURING STANDARDS

Rolls Fabric to be shipped in individually wrapped rolls 66" minimum useable width and 55 ± yards in length. Each roll is to be tagged with the Guilford range number, color number, piece number, and the gross and net yardage.

Color To match standard samples within close tolerances mutually agreeable to customer and Guilford. The lighting used for color matching will be cool white fluorescent and daylight and will be evaluated in a MacBeth Spectra Light, Model SPL 75B.

Flaws To be categorized as acceptable or unacceptable as follows:

Acceptable flaws include removable burrs and knots correctly tied with loose ends spread evenly on the back of the fabric.

Unacceptable flaws include all defects other than those described in the above paragraph. Unacceptable flaws will be marked at the selvage with a contrasting-colored tape. A 1/8 yard allowance will be given for each flaw and will not exceed 5" in length. The maximum number of flaws per roll will be 7.

Allowances will be deducted from the gross yardage of the roll to determine net yardage. Cost is to be calculated from the net yardage.

Squareness Warp and fill will be square within 1.5" across the width of the roll.

III COMPOSITION & CONSTRUCTION

A. Yarns - Filament and Woolen Spun.

B. Content - 100% Polyester

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- C. Style - 2823
- D. Weave - to be crepe weave. Warp to be 42 ± 2 ends per inch and fill to be 36 ± 2 picks per inch.
- E. Weight - finished fabric to be 11.1 ± 1.0 ounces per linear yard.

IV PERFORMANCE PROPERTIES

- A. Tensile Strength - 125 lbs. minimum warp and fill by ASTM D-5034.
- B. Tear Strength - 20 lbs. minimum warp and fill by ASTM D-2261.
- C. Colorfastness

1. To Light - 40 hours exposure in Fadeometer when tested in accordance with AATCC-16E.
2. To Crocking - to have a minimum rating of #4 wet and #4 dry when evaluated per AATCC-8.

V FLAMMABILITY RESISTANCE PERFORMANCE

- A. Fabric passes California Technical Bulletin 117 Section E per CS 191-53.
- B. Fabric Class A or 1 per ASTM E-84.

VI RECOMMENDED CLEANING INSTRUCTIONS

Finished fabric to be identified by Standard Care Label W-S. To prevent overall soiling, 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. With either method, pretest a small area before proceeding. Use a professional furniture cleaning service when an overall soil condition has been reached.

EFFECTIVE DATE 6/12/98

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