

ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

FABRIC, KENDALL PATTERN, PILE WARP KNIT

WSS-M1H902-A

1. SCOPE

The material defined by this specification is a Raschel 56 Gauge pile warp knitted, KENDALL PATTERN, polyester bodycloth of good quality and uniform composition

2. APPLICATION

This specification was released originally for material used as an interior trim fabric for Windstar 2004 seat insert.

3. REQUIREMENTS

In addition, to the requirements listed herein, the fabric shall meet all requirements of WSS-M8P18-A1/A4 as applicable.

3.0 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

3.4 FABRIC CONSTRUCTION

3.4.1 Fabric Count, +/- 5% tolerance (ASTM D 3887)

Wales 118 wales/10 cm

Courses 252 courses/ 10 cm

3.4.2 Fabric Weight, range, g/m² (FLTM BN 106-01)

Face w/ Backcoat 375 - 395

Fabric laminated* 430 - 476

* 3 mm foam

Date	Action	Revisions
2003 04 22	Revised	Para 3.0 inserted; Para 3.1, 3.2, 3.3, 3.9, 4 deleted
2002 04 22	Activated	M. Dumitrescu

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Documents

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3.5 COMPOSITION
(ASTM D 629)

Tolerance as specified in WSS-M8P18-A1/A4

Fabric
Backcoat

100% Polyester
Acrylic

3.6 YARN CONSTRUCTION
(ASTM D 1244)

Face

7.8 tex f72 (semi-dull
Polyester)

Middle

7.8 tex f36 (full-dull
Polyester)

Back

16.7 tex f36 (semi-dull
Polyester)

3.7 METHOD OF DYEING

Disperse Piece Dye

3.8 FINISHING OPERATIONS

Shear, Heat Set, Dye,
Tenter Dry, Range,
Millitex , Inspect