Ford Motor Company

ENGINEERING MATERIAL SPECIFICATION

Material Name	Specification Number
FABRIC, MORGAN PATTERN, PILE WARP KNIT	**WSS-M1H903-A**

1. SCOPE

The material defined by this specification is a Raschel 56 Gauge pile warp knitted, MORGAN 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/m^2
(FLTM BN 106-01)

Face w/ Backcoat	375 - 395
Fabric laminated*	430 - 476

* 3 mm foam

Date	Action	Revisions
2003 04 23	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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3.5 COMPOSITION
(ASTM D 629)

Tolerance as specified in WSS-M8P18-A1/A4

Fabric	100% Polyester
Backcoat	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

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