

## ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

**FABRIC, IMPULSE PATTERN, KNIT**

**WSS-M1H880-A**

### 1. SCOPE

The material defined by this specification is an IMPULSE PATTERN, a 40 Gauge, SINGLE Raschel knit, body cloth of good quality and uniform composition.

### 2. APPLICATION

This specification was released originally for material used as an interior trim fabric for 2003 FOCUS seat cover, insert and bolster, trilaminated with the foam and Nylon Knitted scrim.

### 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   | 98.4 wales/10 cm     |
| Courses | 153.5 courses/ 10 cm |

##### 3.4.2 Fabric Weight, range, g/m<sup>2</sup> (FLTM BN 106-01)

|                        |         |
|------------------------|---------|
| Face w/no Backcoat     | 319-389 |
| Laminated to 3 mm foam | 455-557 |
| Knitted scrim          | 45.6    |

| Date       | Action    | Revisions                                             |
|------------|-----------|-------------------------------------------------------|
| 2003 04 17 | Revised   | Para 3.0 inserted; Para 3.1, 3.2, 3.3, 3.9, 4 deleted |
| 2002 02 25 | Activated | M. Dumitrescu                                         |

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**3.5 COMPOSITION**  
(ASTM D 629)

Tolerance as specified in WSS-M8P18-A1/A4

Fabric 66% Polyester, 34% Polypropylene

Knitted scrim 100% Nylon Tricot

**3.6 YARN CONSTRUCTION**  
(ASTM D 1244)

Face 26% 16.7 tex f50 (Semi Dull Polyester)

Middle 34% 16.7 tex f36 (Sol dyed  
Polypropylene)

Back 40% 16.7 tex f50 (Semi Dull Polyester)

**3.7 METHOD OF DYEING**

Piece Dye

**3.8 FINISHING OPERATIONS**

Knit, Dye, Dry, Inspect