



FABRIC, CARBON WEAVE PATTERN, WARP KNIT, 51% PIR/PCR, UNLAMINATED

WRS-M1H1186-A1

1. SCOPE

The material defined is a single needle bar knit polyester face fabric, laminated with foam and scrim and embossed. Material conforming to WRS-M1H1186-A1 contains 51% PIR/PCR (Post industrial/post-consumer) recycled yarn.

2. APPLICATION

This specification was released originally for material used as an interior trim fabric for Edge 2016MY as an insert. The fabric was originally approved as laminated with foam and scrim and embossed.

3. REQUIREMENTS

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A). Materials with recycled content as defined by WRS-M99P42-A2 (*Textile Materials, Identification of Recycled Content*) should be used whenever technically feasible.

3.1.1 This specification must contain 51% recycled content as defined by WRS-M99P42-A2. The remaining portion of the material can come from virgin sources.

3.1.2 In addition to the requirements listed herein, the fabric shall meet all requirements of WSS-M8P18-(latest) as applicable.

3.2 FABRIC CONSTRUCTION

3.2.1 Fabric Count, -10 /+10 % tolerance
(ASTM D3775)

Wales	150 / 10 cm
Courses	180 / 10 cm

3.2.2 Fabric Weight, - 10 / +10 % tolerance
(FLTM BN 106-01)

305 g/m²

3.3 COMPOSITION (ASTM D629)

Fabric	100% polyester
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Date	Action	Revisions	Rev. 00
2014 07 02	Released		



Documents

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3.4 YARN CONSTRUCTION (ASTM D1244)

Face (A)	78 dtex (polyester yarn)
Face (B)	78 dtex (polyester yarn)
Middle	111 dtex (recycled textured polyester yarn)
Back	78 dtex (polyester yarn)

3.5 METHOD OF DYEING

Solution/Piece dyed or as approved
by Materials Engineering

3.6 FINISHED OPERATIONS

Dye, tenter pad (resin), heatset,
laminated, emboss
Or as approved by Materials Engineering

4. GENERAL INFORMATION

The information given below is provided for clarification and assistance in meeting the requirements of this specification. Contact gmfs@ford.com for questions concerning Engineering Material Specifications.

- 4.1 Purchase departments will ensure that the material defined in this specification and shipped to any one assembly plant will be produced by one supplier only.