



FABRIC, CAMBER PATTERN, FLAT WOVEN, 100% VIRGIN WITH SOIL REPELLANT

WSS-M1H1250-A11

1. SCOPE

The material defined is a flat woven polyester face fabric made from 100% virgin yarn with soil repellent.

2. APPLICATION

This specification was released originally for material used as an interior trim fabric for 2016MY Transit seat insert. The fabric was originally approved as tri-laminated with foam and a backing scrim.

3. REQUIREMENTS

3.1 APPROVED SOURCES

This specification requires the use of approved sources. Only the sources identified on the Ford Approved Source List (ASL) can be used when this specification is listed on the drawing, CAD file, or other documents. The list of approved sources is located within Ford at www.mats.ford.com or available externally through a Ford Materials Engineer.

3.2 This specification is based on virgin materials with soil repellent.

3.3 FABRIC PERFORMANCE

In addition to the requirements listed herein, the fabric shall meet all requirements of WSS-M8P18-A1/A2/A3/A4/latest as applicable.

3.4 APPEARANCE

The color, pattern, and finish shall match the approved Corporate Design master sample.

3.5 VEHICLE INTERIOR ENVIRONMENTAL PERFORMANCE

Materials used in interior applications must meet the requirements outlined in WSS-M99P2222-D1/latest, *Performance, Vehicle Interior Environmental Quality Material/Component Requirements*. Data must be included in material submission package.

3.6 CONDITIONING AND TEST CONDITIONS

All test values are based on material conditioned for not less than 24 h prior to testing in a controlled environment of 23 +/- 2 °C and 50 +/- 5% relative humidity. Testing of the material should occur in the conditioning environment or soon after removal.

Date	Action	Revisions	Rev. 0
2015 11 11	Released		



Documents

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Document Sharing Hub



3.7 FABRIC CONSTRUCTION

3.6.1 Fabric Count, $\pm 5\%$ tolerance (ASTM D3775)

Warp	153 / 10 cm
Fill	135 / 10 cm

3.6.2 Fabric Weight, $\pm 5\%$ tolerance (FLTM BN 106-01)

328 g/m²

3.8 COMPOSITION (ASTM D629)

Fabric	100% polyester
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3.9 YARN CONSTRUCTION (ASTM D1244)

Warp (A)	1100 Dtex f216 (polyester, air texturized yarn)
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Weft (B)	1100 Dtex f216 (polyester, air texturized yarn)
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3.10 METHOD OF DYEING

Warp Yarn - Solution dyed
Weft Yarn – Package dyed

3.11 FINISHED OPERATIONS

Washing, drying, framing.
Any changes to the above process must
be approved by Materials Engineering.