



FABRIC, SMITTY TECH, WOVEN JACQUARD, UNLAMINATED

WSS-M1H1153-A1

1. SCOPE

The material defined by this specification is a dobby woven polyester face fabric containing a PVC effect yarn.

2. APPLICATION

This specification was released originally for material used as an interior trim insert fabric for the B299 Individual Program. The fabric was developed as a Tri-Laminate.

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).

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

3.2 FABRIC CONSTRUCTION

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

Warp	125 ends/10 cm
Warp (PVC monofilament)	18 ends/10cm
Weft	170 picks/10 cm

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

500 g/m²

3.3 COMPOSITION (ASTM D629)

Fabric 53% PVC / 47% Polyester

3.4 YARN CONSTRUCTION (ASTM D1244)

Warp 680dtex f 192 (FTF)
0.8 mm tape PVC 540g/m²

Weft 680dtex f 192 (FTF)
340dtex f 96 (FTF)

Date	Action	Revisions	Rev. 1
2015 07 27	Revised	See Summary of Revisions	M. Montgomery, EU
2012 09 06	Released		R. Kyle, FoE

3.5 METHOD OF DYEING

Solution dyed or as approved
by Materials Engineering

3.6 FINISHED OPERATIONS

Washing, Finishing

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 materials defined in this specification and shipped to any one assembly plant will be produced by one supplier only.
- 4.2** Global strategy is to use Tri-laminate construction in all regions.
- 4.3** If yarn is locally sourced it must meet the above fabric construction, Composition & Yarn construction. The fabric must also meet the requirements of WSS-M8P18-A1/A2/A3/A4.

5 SUMMARY OF REVISIONS

2015 07 27

Fabric count for warp changed from 100 to 125. Added warp PVC monofilament