



FABRIC, DINAMICA, MICROFIBER, NON WOVEN UNLAMINATED

WSS-M1H1061-A

1. SCOPE

The material defined by this specification is a Non Woven Polyester Microfiber face fabric.

2. APPLICATION

This specification was released originally for material used as an interior trim fabric for use in the 2008 C307 RS Program.

Limitations:

The fabric is not recommended for heavy trucks and commercial vehicles.

3. REQUIREMENTS

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

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 FABRIC CONSTRUCTION

3.2.1 Fabric Weight, +/- 5%
(FLTM BN 106-01) 300 g/m²

3.3 COMPOSITION (ASTM D 629)

Polyester: 92% +/- 1%
Polyurethane: 8% +/- 1%

3.4 YARN COMPOSITION (ASTM D 1244)

- Face : Micro Fiber 100% Polyester 0.15 denier (140 g/m²)
- Scrim :100% Polyester 150 denier (95 g/m²)
- Backing : FR polyester 0.5 denier 90% , Microfiber Polyester 0.15 denier 10% (total : 61 g/m²)
- Recycled content : – Face 100% PCR Fiber; Back 10% PCR Fiber

Date	Action	Revisions	Rev 01
2018 02 09	Reviewed	Technical Review Compete – No changes needed	D. Murtonen, NA
2008 10 22	Activated		



3.5 METHOD OF DYEING

Piece Dyed

3.5.1 Types of Dyes

Disperse Dyestuff

3.6 FINISHED OPERATIONS

3.6.1 Anti-Stain and Water Repellent Finishing

3.6.2 Surface Impregnation Treatment

Dipping: Weight 4 g/m²

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.

4.2 Minimum finished width 137cm Maximum finished width 142 cm

4.3 APPROVAL OF MATERIALS

Suppliers desiring approval of their materials shall first obtain an expression of interest from Purchasing, Design or Product Development, and Materials Engineering. The supplier shall submit a completed copy of their laboratory test reports, signed by a qualified and authorized representative of the test facility, demonstrating full compliance with all the requirements of the Material Specification. Tested material samples must be available for review upon request and kept for a minimum of one year. Upon request, the supplier will review the associated quality control documents (Process Failure Mode and Effects Analysis, Control Plans, Certification testing) with Ford.

4.4 SUPPLIER'S ONGOING RESPONSIBILITY

All materials must be equivalent in all characteristics to the material upon which approval was originally granted.

Prior to making any changes to the material originally approved, whether or not such changes affect the material's ability to meet the specification requirements, the supplier shall notify the affected Supplier Technical Assistance (STA), Purchasing, and Materials Engineering activities of the proposed changes (with reasons) by submission of a completed Suppliers Request for Engineering Approval, SREA.

For parts and components using Ford Engineering Material Specifications, all samples tested to the specifications for Design Verification (DV), Production Verification (PV) and Production Part Approval Process (PPAP) sign off must be kept until Job 1.

4.5 RESTRICTED SUBSTANCE MANAGEMENT STANDARD

Substance restrictions imposed by regulations or Company direction applies to the materials addressed by this document. The restrictions are identified in the Restricted Substance Management Standard WSS-M99P9999-A1 which is updated yearly. It is the supplier's responsibility to comply with this standard on a continuing basis through IMDS and or GMAP reporting.

5. SUMMARY OF REVISIONS