



FABRIC, ALCANTARA II PANNEL FR, NON-WOVEN

WSS-M1H1101-A2

1. SCOPE

The material defined by this specification is a needle punched non-woven fabric polyester microfiber, impregnated with micro-porous polyurethane. The suede face fabric is backcoated.

2. APPLICATION

This specification was released originally for material used in black label trim applications.

2.1 LIMITATIONS

Fade: Colors other than black will not meet the fade requirement over 977.6 kJ/m^2 and are not recommended for usage on package trays, steering wheels, pillars, instrument panels or any other high sunload areas.

Cleanability: Commercially available cleaners cannot be used on this material. This material is not recommended for any high touch applications such as steering wheel.

This material is not to be used for seating applications.

3. REQUIREMENTS

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

3.3.1 Material suppliers and part producers must conform to the Company's Standard Requirements for Production Materials (WSS-M99P1111-A).

3.3.2 Textile properties of the rolled goods shall meet all requirements in: WSS-M8P18-B1/B4.

3.3.3 Material must meet the applicable requirements as stated in the component level performance specifications, package trays WSS-M15P6-E/latest, headliners WSS-M15P27-F/latest, wrapped parts WSS-M15P45-B/latest, edge bindings WSS-M8P24-A/latest, sun visors WSS-M98P3-B/latest, steering wheel WSS-M98P12-B/latest. Any other application must be evaluated per the SDS subsystem requirements.

3.2 FABRIC CONSTRUCTION

3.2.1 Fabric Weight,
(FLTM BN 106-01)

Suede face fabric 230 +/- 30 g/m²

Flame retardant Backcoating 45 +/- 15 g/m²

3.2.2 Fiber construction
(ASTM 1244)

0.016 tex Polyester Microfiber impregnated with Micro-porous Polyurethane

Date	Action	Revisions	Ver. 1
2014 12 01	Revised	See Summary of Revisions	D. Murtonen, D. Sinclair, NA
2008 06 20	Activated		M. Dumitrescu, NA



3.3 COMPOSITION (ASTM D 629)

Tolerance as specified in WSS-M8P18-B1/B4

Fabric	68% Polyester 32% Polyurethane
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Back Coating	FR back coating
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3.4 METHOD OF DYEING

Piece dye

3.5 FINISHING OPERATIONS

Brushing, heatset, inspection,
backcoat,
final inspection

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.

5. SUMMARY OF REVISIONS

2014 12 01

- Updated title to include Pannel FR trade name.
- Updated application to only be used for trim applications
- added limitation section
- Add component level part performance specifications that the material must be tested against before usage on a component.
- deleted fabric backings and total weight
- updated method of dying to only be piece dyed
- Added back coating type as FR in composition and removed backing fabric