



FABRIC, MOONROOF /SUNROOF ROLLERSHADE 0% LIGHT TRANSMITTANCE

WSS-M5H34-B1

1. SCOPE

The material defined by this specification is made of two polyester fabrics laminated with an adhesive.

2. APPLICATION

This specification is released for the retractable sunshade material used to reduce the light penetrating the glass of a panoramic roof.

3. REQUIREMENTS

In addition to the requirements listed herein, this material shall meet the SDS requirements of Manual sunshade as applicable. When used on the intended application, the material must be capable of performing satisfactory under all production and service conditions.

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

3.1.1 Materials manufactured to this Specification shall also meet the requirements contained in WSS-M8P27-A1/latest.

3.1.2 Material suppliers and part producers must conform to the Company's Standard Requirements for Production Materials WSS-M99P1111-A/latest.

3.1.3 Materials used in interior applications must meet the requirements outlined in WSSM99P2222-D1/latest.

3.2 APPEARANCE

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

3.3 WEIGHT

(FLTM BN 106-01)

Composite Total Weight 300 +/- 10% g/m²

3.4 THICKNESS

(ASTM D1777)

Specified on the Engineering Drawing

3.5 COMPOSITION

(ASTM D276 / ASTM D629)

Fabrics 100% Polyester

Intermediate Layer Polyurethane Films

Adhesive Co-Polyester

Date	Action	Revisions	Rev. 0
2015 06 19	Released		



3.6 STRENGTH PROPERTIES

3.6.1 Breaking Strength
(ASTM D 5034, grab method, 300 mm/min speed
Average of 5 samples in each direction)

MD	500 N min
AMD	500 N min

3.6.2 Breaking Strength Retention after Resistance to Interior Weathering
(FLTM BO 116-01, 977.6 kJ/m²)

3.6.2.1 Retained Breaking Strength
(ASTM D5034 Grab Method, 300 mm/min speed
Average of 5 samples in each direction)

MD	250 N min
AMD	250 N min

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