



CARPET, POLYESTER, NON WOVEN, VELOUR, LATEX AND EVA, 700 g/m² (21.0 oz) NOMINAL FACE

WRS-M3H157-A1

1. SCOPE

The materials defined by these specifications are velour, polyester, non-woven carpets of good quality and uniform composition. The carpet face is made with 100% post industrial fiber.

2. APPLICATION

This specification was released originally for Ford Ka 2016.5 MY front floor applications.

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 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.

3.3 PERFORMANCE CRITERIA

3.3.1 In addition to the requirements listed herein, the end-item floor carpet shall be tested to WSS-M8P16-B/latest and any additional SDS requirements. The details for each of the suppliers specific construction shall be documented in the supplement attached and scanned data package.

3.3.2 Vehicle Interior Environment Quality Materials/Component Performance Requirements

Materials used in interior applications must meet the requirements outlined in WSS-M99P2222-D1/ latest. Data must be included at the appropriate program milestone.

3.3.3 Recycled Content

This specification must contain 100% recycled content as defined by WRS-M99P42-A2 (*Textile Materials, Identification of Recycled Content*).

Date	Action	Revisions	Rev 00
2016 01 20	Released		

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3.4 SAMPLE SELECTION

All evaluations shall be conducted on test specimens taken from finished roll goods prior to any subsequent operations, such as reheating or molding.

3.5 APPEARANCE

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

3.6 COMPOSITION

3.6.1	Face Fiber (ASTM D276)	Polyester (100% PCR)
3.6.2	Back Coating (ASTM D276)	Latex
3.6.3	Mass Backing (ASTM D276)	EVA

3.7 METHOD OF DYEING

Solution dyed

3.8 CONSTRUCTION

3.8.1	Face Fiber (ASTM D 1244)	70%15 denier + 30%22 denier
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3.9 THICKNESS (ISO 1765)

5.5 +/- 1.0 mm

3.10 WEIGHT

3.10.1	Face Fiber (ASTM D5848)	630 – 770 g/m ² 19.0 – 23.0 (oz)
3.10.2	Back Coating (ASTM D5848)	Report g/m ² *
3.10.3	Mass Backing (ASTM D5848)	Report g/m ² *

* Back coating and mass backing weight is vehicle dependent. Approved mass backing weights and back coating will be documented on the Approved Source List (ASL)