



CARPET, RECYCLED POLYESTER, NON WOVEN, FLAT NEEDEDLED, HEAT ACTIVATED BINDER, FUSED BACK POLYESTER MOLDABLE BACKING 271 GSM (8 OZ) MIN

WRS-M3H138-A7

1. SCOPE

The materials defined by this specification are flat needled, recycled polyester, non-woven carpets of good quality and uniform composition. Low melt polyester binder forms the backing with an additional polyester moldable backing. This carpet is a solid color matched carpet.

2. APPLICATION

This specification was originally released for Lincoln vehicles, with a solid color matched face used as a enclosed trunk side walls and decklid.

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-M15P32-D and any additional SDS requirements. The details for each of the suppliers specific construction shall be documented in the supplement attached and uploaded into the 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 60% recycled content as defined by WRS-M99P42-A2 (*Textile Materials, Identification of Recycled Content*).

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.

Date	Action	Revisions	Rev 00
2015 08 24	Released		

**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)	85-95% Polyester
3.6.2	Binder Fiber (ASTM D276)	5-15% Low Melt Polyester
3.6.3	Recycled content	60% minimum
3.6.4	Primary Backing (ASTM D276)	Polyester

3.7 METHOD OF DYEING

Solution dyed

3.8 CONSTRUCTION

3.8.1	Face Fiber (ASTM D1244)	4.5 Denier
3.8.2	Binder Fiber (ASTM D1244)	4 Denier
3.8.3	Primary Backing Fiber (ASTM D1244)	7 Denier

3.9 THICKNESS OF FACE
(ISO 1765)

2.2-2.8 mm

3.10 WEIGHT

3.10.1	Face Fiber (ASTM D5848)	271-339 g/m ² (8-10 oz)
3.10.2	Primary Backing (ASTM D5848)	Report (g/m ² / oz)

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 DRAWING CALL OUT

The following shall be called out on the Engineering drawing to correctly designate the approved material.

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Supplier Name and Product Code (As it appears on the Approved Source Listing)