



**CARPET, RECYCLED POLYESTER, NON WOVEN, FLAT NEEDED,
LATEX BACKED, MOLDABLE
305 G/M² (9.0 OZ) NOMINAL FACE**

WRS-M3H138-A10

**CARPET, VIRGIN POLYESTER, NON WOVEN, FLAT NEEDED,
LATEX BACKED, MOLDABLE
305 G/M² (9.0 OZ) NOMINAL FACE**

WSS-M3H138-A11

1. SCOPE

WRS-M3H138-A10: The materials defined by this specification are flat needled, recycled polyester, non-woven carpets of good quality and uniform composition. This carpet is a solid color matched carpet.

WSS-M3H138-A11: The materials defined by this specification are flat needled, virgin polyester, non-woven carpets of good quality and uniform composition. This carpet is a solid color matched carpet.

2. APPLICATION

This specification was originally released for bin liners and seat back applications, with a solid color matched face.

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 WRS-M3H138-A10: The face material must contain 95% recycled content as defined by WRS-M99P42-A2 (*Textile Materials, Identification of Recycled Content*). The remaining portion of the material can come from virgin sources.

3.3 WSS-M3H138-A11: This specification is based on virgin materials.

3.4 CARPET PERFORMANCE

In addition to the requirements listed herein, the end-item carpet assembly shall meet all requirements of the WSS-M8P16-B.

3.5 VEHICLE INTERIOR ENVIRONMENTAL PERFORMANCE

Materials used in interior applications must meet the requirements outlined in WSS-M99P2222-D1/latest, *Performance, Vehicle Interior Environmental Quality Material/Component Requirements*. Data must be included in material submission package.

3.6 CONDITIONING AND TEST CONDITIONS

Date	Action	Revisions	Rev 01
2015 10 26	Released	Released A11, updated format	L. Sinclair, NA
2014 12 15	Released		L. Sinclair, NA



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.

3.7 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.

3.8 APPEARANCE (FLTM BI 109-01)

The color, pattern, and finish shall match the approved Design Center master sample, or shall be as specified on the engineering drawing.

3.9 COMPOSITION (ASTM D 629)

3.9.1 Face Fiber

WRS-M3H138-A10

Polyester (95% PCR)

WSS-M3H138-A11

Polyester (100% Virgin)

3.9.2 Backing

Latex

3.10 METHOD OF DYEING

Solution dyed

3.11 CONSTRUCTION

3.11.1 Fiber Size and Description (ASTM D 1244)

4.5 denier

3.11.2 Final Total Thickness (ASTM D 1777)

3.2 +/- 0.5 mm

3.12 WEIGHT (FLTM BN 106-01)

3.12.1 Pile Fiber

271 – 339 g/m²
8.0 – 10.0 (oz)

3.12.2 Backing

168 – 204 g/m²
5.0– 6.0 (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 CALLOUT