



**CARPET, POLYESTER, NON WOVEN, RANDOM
VELOUR, NEEDLED, STANFORD PATTERN, FUSED BACK,
495 g/m² (14.6 oz), 100% PCR CONTENT**

WRS-M3H159-A3

1. SCOPE

The materials defined by these specifications are random velour, needled, nonwoven carpets of good quality and uniform composition. The carpet face is made with 100% post consumer fiber.

2. APPLICATION

This specification was released originally for floor carpet applications on B and C car platforms.

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 supplier's specific construction shall be documented in the supplement attached and uploaded into the scanned data package.

3.3.2 Recycled Content

This specification must contain 100% 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 01
2017 07 24	Editorial	Corrected conversions	A. Collins, NA
2017 05 31	Released		L. Shear, NA

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Documents

Page 1 of 4 Document Sharing Hub

**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)	100% PIR/PCR Polyester UV Resistant
3.6.2	Binder Fiber (ASTM D276)	100% PIR/PCR Polyester Low Melt
3.6.3	Pre-Coat (ASTM D276)	100% Low Density Polyethylene
3.6.4	Mass Backing (ASTM D276)	EVA

3.7 METHOD OF DYEING

Solution dyed

3.8 CONSTRUCTION

3.8.1	Face Fiber (ASTM D 1244)	12 Denier
3.8.2	Binder Fiber	4 Denier

3.9 THICKNESS*
(ISO 1765)

5.0 +/- 0.5 mm

*Thickness prior to molding.

3.10 WEIGHT

3.10.1	Face Fiber (ASTM D5848)	495 g/m ² (14.6 oz/yd ²) Nominal (445.5 - 544.5 g/m ²) (13 - 16 oz/yd ²)
3.10.2	Binder Fiber (ASTM D5848)	49.5 - 60.5 g/m ² (1.5 - 1.8 oz/yd ²)
3.10.3	Pre-Coat (ASTM D5848)	183-223 g/m ² (5.4 - 6.6 oz/yd ²)
3.10.4	Mass Backing (ASTM D5848)	Report g/m ² * (Report) oz/yd ²

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