CARPET, POLYESTER, 197 PATTERN, NON WOVEN, RANDOM VELOUR,LATEX AND POLYETHYLENE BACKED, 650 g/m^2 (19 oz) NOMINAL FACE, RECYCLED

WRS-M3H197-A1

1. SCOPE

The materials defined by this specification is random velour, non-woven carpets of good quality and uniform composition. The face fiber is recycled polyester and it is back coated with the appropriate weight of latex and polyethylene.

2. APPLICATION

This specification was originally released for Ford Everest MY18 floor carpet in Thailand

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 carpet shall be tested to WSS-M8P16-B and any additional SDS requirements. The details for each of the supplier specific constructions shall be documented in the supplement attached and uploaded into the scanned data package.

3.3.2 Recycled Content

This specification must contain 70% 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 (including substrate layers) prior to any subsequent operations, such as molding.

3.5 APPEARANCE

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

Date	Action	Revisions	Rev 00
2017 11 28	Released		K. Cheng, AP

Copyright © 2017, Ford Global Technologies, LLC
Licensee=/, User=,
Not for Resale,
Copyright Ford Motor Company
Provided by IHS Markit under license with FORD
No reproduction or networking permitted without license from IHS
Full document details: FORD WRS-M3H197-A1 2017
Documents Document Sharing Hub

3.6 COMPOSITION

3.6.1	Face Fiber (ASTM D276)	100% Polyester
3.6.2	Primary Backing (ASTM D276)	Latex
3.6.3	Moldable Substrate (ASTM D276)	Polyethylene
3.6.4	Recycled Content	70% minimum

3.7 METHOD OF DYEING Solution dyed

3.8 CONSTRUCTION

3.8.1	Fiber Size and Description (ASTM D 1244)	40% 6 Denier + 60% 10 Denier

3.9 FACE FIBER THICKNESS* 5.5 +/-0.5 mm
(ISO 1765)

* Thickness of PET layer only prior to molding.
Thickness of Latex and PE layer approved for each supplier's construction can be found in the scanned data package.

3.10 WEIGHT

3.10.1	Pile Fiber (ASTM D5848)	(615-685) g/m^2 (18.1 – 20.2) oz
3.10.2	Primary Backing (ASTM D5848)	Report g/m^2 Report oz
3.10.3	Moldable Substrate (ASTM D5848)	Report g/m^2 Report oz

Weight of Latex and PE layer, and the weight tolerances approved for each supplier's construction can be found in the scanned data package.

4. GENERAL INFORMATION

This 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.

WRS-M3H197-A1
Supplier Name and Product Code (As it appears on the Approved Source Listing)
WSS-M8P16-B

4.2 APPROVAL OF MATERIALS
Suppliers desiring approval of their materials shall first obtain an expression of interest from Purchasing, Design or Product Development, and Materials Engineering. The supplier shall

Copyright Ford Motor Company
Provided by IHS Markit under license with FORD
No reproduction or networking permitted without license from IHS
Full document details: FORD WRS-M3H197-A1 2017

Copyright © 2017, Ford Global Technologies, LLC
Licensee=/, User=,
Not for Resale,

Documents
Document Sharing Hub