CARPET, POLYESTER, 189 PATTERN, NON WOVEN, RANDOM VELOUR, NEEDLED, FUSED BACKING 280 g/m^2 (8.26 oz) **WSS-M3H189-A1**

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% virgin fiber.

2. APPLICATION

This specification was originally released for Ecosport MY18 package tray.

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-M15P6-E 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.

3.4 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
2017 07 03	Released		A. Wilson, ED

Copyright © 2017, Ford Global Technologies, Inc.

Documents Document Sharing Hub
Copyright Ford Motor Company
Provided by IHS Markit under license with FORD
No reproduction or networking permitted without license from IHS
Licensee=/, User=,
Not for Resale,
Full document details: FORD WSS-M3H189-A1 2017

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% Polyester
3.6.2	Binder Fiber (ASTM D276)	100% Low Melt Polyester

3.7 METHOD OF DYEING — Solution dyed

3.8 CONSTRUCTION

3.8.1	Face Fiber (ASTM D 1244)	9.9 Denier
3.8.2	Binder Fiber (ASTM D 1244)	4.0 Denier

3.9 THICKNESS* — 3.0 +/- 0.8 mm
(ISO 1765)

*Face thickness prior to molding.

3.10 WEIGHT

3.10.1	Face and Binder Fiber (ASTM D5848)	(297-363) g/m^2 (8.8 – 10.7) oz

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.

WSS-M3H189-A1
Supplier Name and Product Code (As it appears on the Approved Source Listing)
WSS-M15P6-E

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

Copyright © 2017, Ford Global Technologies, Inc.

Documents Document Sharing Hub

Copyright Ford Motor Company
Provided by IHS Markit under license with FORD
No reproduction or networking permitted without license from IHS
Licensee=/, User=,
Not for Resale,
Full document details: FORD WSS-M3H189-A1 2017