CARPET, BCF NYLON, CUT PILE, SHIVA PATTERN, 678 g/m^2 (20 oz), TUFTED FLOOR BACKING — **WSS-M3H123-C**

CARPET, BCF NYLON, CUT PILE, SHIVA PATTERN, 678 g/m^2 (20 oz), NON WOVEN FLOOR BACKING — **WSS-M3H123-C2**

1. SCOPE

The materials defined by this specification are fine denier, bulked continuous filament (BCF) nylon, cut pile carpets, tufted into a synthetic primary foundation. The mat may be backed with either rubber or other material.

2. APPLICATION

WSS-M3H123-C- The material approved to this specification was released originally for floor mats used on tufted floors.

WSS-M3H123-C2 – The material approved to this specification was released originally for floor mats used on tufted floors.

2.1 LIMITATION

Model year 2016 and beyond compression molding is not allowed to marry the face to backing material or to pull any B side features. Compression molding is only allowed as a secondary process to change geometry (3D shape).

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 mat assembly shall be tested to WSS-M15P44-B and any additional SDS requirements.

3.3.2 The details for each of the supplier's specific construction shall be documented in the supplement attached and saved by Ford in the construction package.

Date	Action	Revisions	Rev. 2
2018 05 04	Revised	See Summary of Revisions	L. Sinclair, NA
2015 05 08	Revised	See Summary of Revisions	L. Sinclair, NA
2014 06 13	Released		L. Sinclair, NA

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3.4 SAMPLE SELECTION

All evaluations shall be conducted on test specimens taken from finished mat assemblies.

3.5 APPEARANCE

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

3.6 COMPOSITION

3.6.1	Pile Yarn (ASTM D 276)	100% Nylon 6/6 or 6*

*Type will be documented on the approved construction supplement held in the Ford Construction Package.

3.6.2	Primary Foundation (ASTM D 276)	Polyester
3.6.3	Back Coating (ASTM D 276)	Report*
3.6.4	Pre Coat (ASTM D 276)	Report *
3.6.5	Secondary Foundation (ASTM D 276)	Report *
3.6.6	Secondary Backing (ASTM D 276)	Report *

* Materials approved for each suppliers construction can be found in the Ford Construction package.

3.7 METHOD OF DYING — Solution Dyed

3.8 CONSTRUCTION

3.8.1	Pile Yarn (ASTM D 1244)	1000 Denier
3.8.2	Pile Count (ISO 1763)	
	Rows / 100 mm	50.4
	Stitches / 100 mm	65.0

Rows and stitches per 100 mm shall be based on an average count on a 254 mm length of carpet and shall not exceed the tolerance provided on the approved construction supplement in the Ford Construction Package for the approved material.

3.8.3	Needle Gauge	1.98 mm

3.9 THICKNESS

3.9.1	Final Pile Height (ISO 1765)	6.2 mm Nominal

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