



**CARPET, POLO PATTERN, 100% RECYCLED POLYESTER FIBER,
FLAT NEEDED, NON-BACKED
216 g/m² (6.4 oz) MIN.**

WSS-M3H105-A4

1. SCOPE

The materials defined by this specification is a flat needed, polyester, non-woven carpet of good quality and uniform composition. The carpet face is made with 100% post consumer fiber.

2. APPLICATION

This specification was released originally for material used for trunk covering material for the 1995 Taurus. This material can be used for decklids and interior wheel house liner.

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-M15P32-D 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.

3.3.3 Recycled Content

This specification must contain 100% recycled content as defined by WRS-M99P42-A2 (*Textile Materials, Identification of Recycled Content*).

Date	Action	Revisions	Rev 01
2015 10 26	Revised	See Summary of Revisions	L. Sinclair, NA
1995 02 17	Activated		D.R. Henrickson, L. Sinclair

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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.

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% Recycled Polyester
3.6.2	Substrate (ASTM D276)	Bi-Component Polyester
3.6.3	Bi-Component Blend	Report*

*Approved bi-component blend ratios can also be found on the Approved Source Listing.

3.7 METHOD OF DYEING

Solution

3.8 CONSTRUCTION

3.8.1	Face Fiber (ASTM D 1244)	6 Denier
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3.9 FACE THICKNESS (ISO 1765)

1.0-3.0 mm

*Face thickness prior to molding.

3.10 WEIGHT

3.10.1	Face Fiber (ASTM D5848)	(216-364) g/m ² (6.4 – 10.7) oz
3.10.2	Substrate (ASTM D5848)	Report* (g/m ² /oz)

* Substrate weight is vehicle dependent. Approved substrate weights will be documented on the Approved Source List (ASL)

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