



## CARPET, RECYCLED POLYESTER, NON WOVEN, DILOUR, MOLDABLE FUSED BACK, 350 G/M<sup>2</sup> (10.0 OZ) FACE

WRS-M3H155-A5

### 1. SCOPE

The materials defined by this specification are dilour, polyester, non-woven carpets of good quality and uniform composition with a moldable PET backing. The moldable backing contains low melt polyester binder. This carpet is a solid color matched carpet.

### 2. APPLICATION

This specification was originally released for moldable toe kicks with a solid color matched face.

### 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](http://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 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 Recycled Content

This specification must contain 88% minimum 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 00 |
|------------|----------|-----------|--------|
|            |          |           |        |
|            |          |           |        |
| 2017 07 07 | Released |           |        |

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**3.5 APPEARANCE**

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

**3.6 COMPOSITION**

|       |                           |                                 |
|-------|---------------------------|---------------------------------|
| 3.6.1 | Face Fiber<br>(ASTM D276) | Polyester<br>(88 - 95% PIR/PCR) |
|-------|---------------------------|---------------------------------|

|       |                                        |                                  |
|-------|----------------------------------------|----------------------------------|
| 3.6.2 | Secondary Backing Fiber<br>(ASTM D276) | Polyester<br>(30 – 60% Low Melt) |
|-------|----------------------------------------|----------------------------------|

**3.7 METHOD OF DYEING**

Solution dyed

**3.8 CONSTRUCTION**

|       |                            |                        |
|-------|----------------------------|------------------------|
| 3.8.1 | Face Fiber<br>(ASTM D1244) | 6 Denier<br>(6.7 dtex) |
|-------|----------------------------|------------------------|

|       |                                         |                                     |
|-------|-----------------------------------------|-------------------------------------|
| 3.8.2 | Secondary Backing Fiber<br>(ASTM D1244) | 4 – 10 Denier*<br>(4.4 – 11.1 dtex) |
|-------|-----------------------------------------|-------------------------------------|

\*Range includes low melt binder fiber

**3.9 THICKNESS**  
(ISO 1765)

|       |            |                |
|-------|------------|----------------|
| 3.9.1 | Face Fiber | 3.6 +/- 0.5 mm |
|-------|------------|----------------|

|       |                 |              |
|-------|-----------------|--------------|
| 3.9.2 | Total Thickness | Report* (mm) |
|-------|-----------------|--------------|

**3.10 WEIGHT**

|        |                            |                                                                |
|--------|----------------------------|----------------------------------------------------------------|
| 3.10.1 | Face Fiber<br>(ASTM D5848) | 305 - 373 g/m <sup>2</sup><br>(9.0 – 11.0 oz/yd <sup>2</sup> ) |
|--------|----------------------------|----------------------------------------------------------------|

|        |                                   |                                                    |
|--------|-----------------------------------|----------------------------------------------------|
| 3.10.2 | Secondary Backing<br>(ASTM D5848) | Report*, g/m <sup>2</sup><br>(oz/yd <sup>2</sup> ) |
|--------|-----------------------------------|----------------------------------------------------|

|        |                              |                                                    |
|--------|------------------------------|----------------------------------------------------|
| 3.10.3 | Total Weight<br>(ASTM D5848) | Report*, g/m <sup>2</sup><br>(oz/yd <sup>2</sup> ) |
|--------|------------------------------|----------------------------------------------------|

\*Approved backing weights are noted on the Approved Source List.

**4. GENERAL INFORMATION**

This information given below is provided for clarification and assistance in meeting the requirements of this specification. Contact [gmfs@ford.com](mailto:gmfs@ford.com) for questions concerning Engineering Material Specifications.