



WEBBING, PULL STRAP

WSS-M15P51-A

1. SCOPE

The material performance defined by this specification is for a woven pull strap with continuous filament yarn and finished selvages.

2. APPLICATION

This specification was released for material used as rear seat pull straps.

Testing must be performed on new construction parts and new colors unless specified otherwise by Ford Materials Engineering. See Table 1 for sample size and testing requirements.

2.1 LIMITATIONS

Color stripping for re-dyeing of webbing rejected for color is not allowed.

This material is not to be used in seat belt webbing applications.

3. REQUIREMENTS

In addition to the requirements listed herein, the end item pull strap shall meet all requirements of the material as detailed on the engineering drawing. Details of the material must be documented and supplied to Materials Engineering in the attached pull strap construction supplement (Page 4).

In addition to the requirements specified herein, the pull straps shall meet the applicable System Design Specifications (SDS) requirements.

3.1 QUALITY SYSTEM REQUIREMENTS

Material suppliers and part producers must conform to the Company's Standard Requirements for Production Materials (WSS-M99P1111-A).

3.2 APPEARANCE (FLTM BI 109-01)

The color, pattern, and finish shall match the approved Design Center master sample, or shall be as specified on the engineering drawing.

3.3 BREAKING STRENGTH, min (ASTM D 5034)

Full Width

215 N per mm width

Date	Action	Revisions
2007 09 11	Activated	



Documents
L. Sinclair
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3.4 RESISTANCE TO FADE, min
(FLTM BO 116-01, AATCC Evaluation Procedure 1)

225.6 kJ/m²

Rating 4

3.5 RESISTANCE TO CROCKING, min
(FLTM BN 107-01, AATCC Evaluation Procedure 3, use instrumental method
FLTM BN 107-02, when color transfer is visually apparent)

Dry and Wet

Rating 4
(4.3 ΔE maximum)

If a crock result is greater than 4.3 ΔE, repeat the colorimeter measurement for 4 additional times on the sample and average all 5 results to minimize measurement error. The average must be less than or equal to 4.3 ΔE. DO NOT conduct another crock test on the sample unless examination of the original crock cloth indicates the test was conducted improperly (e.g. uneven pressure of the crock finger).

3.6 HEAT AGE, min.
(7 days at 80 +/- 2 °C, ISO 105-A02/
AATCC Evaluation Procedure 1)

Rating 4

No individual yarn or combination of yarns shall exhibit fiber deterioration or color tone change in excess of the above rating. There shall be no visual deterioration of backcoating.

3.7 SOILING AND CLEANABILITY, min.
(FLTM BN 112-08, ISO 105-A02/
AATCC Evaluation Procedure 1)

After Cleaning

Rating 3

3.8 FOGGING, min
(SAE J1756, 3 h at 100 °C heating, 21 °C cooling
plate, post test conditioning 1 h and 16 h)

Fog Number

70

The formation of clear film, droplets or crystals is cause for rejection.

3.9 FLAMMABILITY, max
(ISO 3795/SAE J369)

Burn Rate

100 mm/minute