



**FABRIC, VINYL COATED (PVC) EXPANDED, FOR
COMMERCIAL VEHICLES AND TRUCK SEATING APPLICATION**

WSS-M2F156-C

**FABRIC, VINYL COATED (PVC) EXPANDED, FOR
COMMERCIAL VEHICLES AND TRUCK SEATING
APPLICATIONS, PERFORATED**

WSS-M2F156-C4

1. SCOPE

The material defined by this specification is a laminate consisting of a solid vinyl film, an expanded vinyl layer and a texturized polyester fabric.

2. APPLICATION

WSS-M2F156-C was developed for Global commercial vehicles and truck seating applications that require high wear and flexibility resistance.

WSS-M2F156-C4 was released originally for material used in interior trim as perforated covering for seat applications in commercial vehicles and trucks.

Any other applications must be evaluated by the appropriate product engineer with functional testing and approved by Materials Engineering.

3. REQUIREMENTS

In addition to the requirements listed herein, this material shall meet all requirements of the WSS M8P3-E1/E3 or latest *Performance, Flexible Polymeric Film, Interior Quality* specification. Laminated materials must meet the lamination requirement per WSS-M8P3-E3 or latest performance specification.

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 SUPPORTED FABRIC

Texturized Polyester Knit or engineering approved alternative.

Date	Action	Revisions	Rev 04
2017 08 29	Revised	See Summary of Revisions, Added C4	Z. Jatkowski, NA
2014 12 16	Editorial	See summary of revisions	D. Murtonen, NA
1996 02 27	Activated	L.A. Graham B.H. Chen	

Controlled document at www.MATS.ford.com Copyright © 2017, Ford Global Technologies, Inc.

**3.4 PHYSICAL PROPERTIES****3.4.1 Weight, $\pm 10\%$**
(ASTM D 751, Sample Method)**C1**

Total (vinyl and supporting fabric)

890 g/m²**C4**

Total (vinyl and supporting fabric, perforated)

Report

3.4.2 Resistance to Tear
(ASTM D 751, Trapezoid Tear)**C1**

WMD

115N min

AMD

115N min

C4

WMD

Report

AMD

Report

3.4.3 Breaking Strength
(ASTM D 751, Grab Method)**C1**

WMD

445N min

AMD

445N min

C4

WMD

Report

AMD

Report

The vinyl coating shall not fail before the specified minimum breaking values are obtained.

3.4.4 Seam Strength
(FLTM BN 119-01, except use lockstitch
with 6 stitches/25 mm, 5 sample average
in each direction)**C1**

WMD

460N min

AMD

570N min

C4

WMD

Report

AMD

Report