

**FABRIC, VINYL (PVC) COATED, POLYESTER BACKED,
FLOOR MAT BINDING****WSS-M2F210-A2****1. SCOPE**

The material defined by this specification is a polyester based fabric of uniform construction.

2. APPLICATION

This specification was released originally for floor mat binding.

3. REQUIREMENTS

In addition to the requirements listed herein, the material must also meet the requirements of WSS-M8P24-A/ Latest, *Performance, Floor Mat Edging*.

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

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

- 3.1.1 Materials used in interior applications must meet the requirements outlined in WSSM99P2222-C1/Latest, *Performance, Vehicle Interior Environment Quality Material/Component Requirements*. Data must be included in material submission package.

3.2 FABRIC CONSTRUCTION

- 3.2.1 Fabric Count, +/- 5% tolerance
(ASTM D 3887)

Warp 15 yarn/cm

Fill 13 yarn/cm

- 3.2.2 Weight, +/- 10% tolerance
(FLTM BN 106-01)

Fabric 60 +/- 5 g/m²

Coating 300 +/- 30 g/m²

Total 360 +/- 35 g/m²

- 3.2.3 Thickness 0.55 +/- 15 mm

3.3 COMPOSITION
(ASTM D 629)

Fabric 100% Polyester

Coating 100% PVC

Date	Action	Revisions	Rev. 0
2012 06 25	Activated	New specification	





3.4 YARN CONSTRUCTION (ASTM D 1244)

Warp	100% spun polyester, 76x36 dtex
Fill	100% spun polyester, 76x36 dtex

3.5 METHOD OF DYING

Solution

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 PHYSICAL PROPERTIES

4.4.1 Tensile Strength (ISO 1421)

Warp	33 daN/5 cm
Fill	30 daN/5 cm

4.4.2 Elongation (ISO 1421)

Warp	124 %
Fill	115%

4.4.3 Tear Strength (ISO 4674)

Warp	1.0 daN
Fill	0.8 daN

4.4.4 Stretch and Set (SAE J855)

Warp	35 %
Fill	30 %

4.4.5 Adhesion (PVC to Fabric) (ISO 2411)

7.5 daN/5 cm

5. SUMMARY OF REVISIONS