



FABRIC, METTLE PATTERN, FLAT WOVEN, RECYCLED, PIR/PCR CONTENT WITH SOIL REPELLANT AND BACKCOATING

WRS-M1H1298-A23

1. SCOPE

The material defined by this specification is a flat woven polyester face fabric containing a minimum of 25% PIR/PCR (Post industrial/post consumer) recycled yarn.

2. APPLICATION

This specification was released originally for material used as an interior trim fabric for Wildtrak 2018 MY seat insert. The fabric was originally approved as tri-laminated with foam and a backing scrim.

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 APPEARANCE

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

3.3 FABRIC PERFORMANCE

In addition to the requirements listed herein, the fabric shall meet all requirements of WSS-M8P18-B1/B2/B3/B4/latest as applicable.

3.4 VEHICLE INTERIOR ENVIRONMENTAL PERFORMANCE

Materials used in interior applications must meet the requirements outlined in WSS-M99P2222-D1/latest, *Performance, Vehicle Interior Environmental Quality Material/Component Requirements*. Data must be included in material submission package.

3.5 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.

Date	Action	Revisions	Rev. 0
2017 05 08	Released		



Documents

L Wang, APA
Document Sharing Hub



3.6 FABRIC CONSTRUCTION

3.6.1 Fabric Count, -10 /+ 10 % tolerance (ASTM D3775)

Warp	307 / 10 cm
Fill	210 / 10 cm

3.6.2 Weight, -5 /+5 % tolerance (FLTM BN 106-01)

Fabric	380 g/m ²
Back Coating	58 g/m ²
Total weight	438 g/m ²

3.7 COMPOSITION (ASTM D629)

Fabric	95 % Polyester 5 % PVC
Backcoating	47% Acrylic Latex 53% Flame Retardant

3.8 YARN CONSTRUCTION (ASTM D1244)

Warp	A23 3/167 Dtex f48 (polyester false twist texturized yarn with 100% recycled yarn)
Fill A	3/167 Dtex f48 (polyester false twist texturized yarn)
Fill B	4200 Dtex (PVC-Tube/Polyester flat- Core)

3.9 RECYCLED CONTENT

Recycled yarn must contain a minimum of 25% recycled content PIR/PCR (Postindustrial/post consumer) as defined by WRS-M99P42-A2. The remaining portion of the material can come from virgin sources. Refer to the Approved Source List (ASL), for specific regional recycled levels for this material. Virgin yarn contains 100% virgin material.

3.10 METHOD OF DYEING

Solution / Yarn dyed

3.11 FINISHED OPERATIONS

Pad, Drying, Pad, Drying, Back coat, Stenter

Any changes to the above process must
be approved by Materials Engineering.