

**FABRIC, LEGEND HS PATTERN, FLAT WOVEN,
RECYCLED, PIR/PCR CONTENT WITH SOIL REPELLANT
AND BACKCOATING**

WRS-M1H1282-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 2017 MY Expedition seat insert.

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 23	Released		

**Documents**

W. Andrews, NA

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**3.6 FABRIC CONSTRUCTION****3.6.1 Fabric Count, -/+5 % tolerance
(ASTM D3775)**

Warp	271 / 10 cm
Fill	208 / 10 cm

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

Face fabric	398 g/m ²
Backcoat	35 g/m ² (-5, +10 gsm)
Total Weight	433 g/m ²

**3.6.3 Fabric Stretch and Set
(SAE J855)**

	Stretch	Set
Warp	6% -0/+5	2% Max
Fill	6% -0/+5	2% Max

**3.7 COMPOSITION
(ASTM D629)**

Fabric	100% polyester
Backcoating	Polyurethane

**3.8 YARN CONSTRUCTION
(ASTM D1244)**

Warp	1150 Dtex / f288 (solution dye polyester yarn) 370 Dtex / f68 (100% recycled solution dye polyester yarn)
Fill	1150 Dtex / f288 (100% recycled solution dye polyester yarn) 370 Dtex / f68 Dtex (solution dye polyester yarn)

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.

3.10 METHOD OF DYEING

Solution dyed

3.11 FINISHED OPERATIONSWashing, bulking, drying, heat set,
resin treatment/SR, backcoating

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

**Documents**

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