

**FABRIC, BARBED PATTERN, WOVEN,
25% RECYCLED PIR/PCR CONTENT, BACKCOATED****WRS-M1H1196-A22****1. SCOPE**

The material defined is a flat woven polyester face fabric. Material conforming to WRS-M1H1196-A22 contains a minimum of 25% PIR/PCR (postindustrial/post-consumer) recycled yarn.

2. APPLICATION

This specification was released originally for material used as an interior trim fabric for P558 2016 MY seat insert. The fabric was originally approved as trilaminated with foam and backing fabric/scrim.

3. REQUIREMENTS**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). Materials with recycled content as defined by WRS-M99P42-A2 (*Textile Materials, Identification of Recycled Content*) should be used whenever technically feasible.

3.1.1 **WRS-M1H1196-A22.** This specification must contain 25% minimum recycled content as defined by WRS-M99P42-A2/latest. The remaining portion of the material can come from virgin sources.

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

3.1.3 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.

3.2 FABRIC CONSTRUCTION**3.2.1 Fabric Count
(ASTM D3775)**

Ends/cm	335 / 10 cm
Picks/cm	220 / 10 cm

**3.2.2 Fabric Weight
(FLTM BN 106-01)**

Face fabric	320 g/m ² (+/- 5%)
Backcoat	50 g/m ² (+10/-5 g/m ²)
Total Weight	370 g/m ²

Date	Action	Revisions	Rev. 0
2015 04 02	Released		

**Documents**D. Murtonen - NA
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3.3 COMPOSITION (ASTM D629)

Fabric	100% polyester
Backcoating	Acrylic Resin

3.4 YARN CONSTRUCTION (ASTM D1244)

Warp (A)	501 Dtex x1 (polyester, false twist)
Warp (B)	330 Dtex x1 (polyester, false twist)
Weft (A)	501 Dtex x1, (polyester, false twist)
Weft (B)	550 Dtex x2 (polyester flat yarn made)
Weft (C)	501 Dtex x1 (polyester, twisted 350 tpm) 100% Recycled yarn

3.5 METHOD OF DYEING

Solution dyed

3.6 FINISHED OPERATIONS

Washing, Drying, Top
resin, Backcoating

4. GENERAL INFORMATION

The 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 Purchase departments will ensure that the material defined in this specification and shipped to any one assembly plant will be produced by one supplier only.
- 4.2 If yarn is locally sourced it must meet the above fabric construction, composition and yarn construction. The fabric must also meet the requirements of WSS-M8P18-B1/B2/B3/B4/latest.
- 4.3 Global strategy for this fabric is to use tri-laminate/foam & scrim construction in all regions