



FABRIC, NANJING PATTERN, WOVEN JACQUARD,  
100% VIRGIN

WSS-M1H1170-A1

FABRIC, NANJING PATTERN, WOVEN JACQUARD,  
100% VIRGIN WITH SOIL REPELLANT

WSS-M1H1170-A11

## 1. SCOPE

The material defined by this specification is a woven jacquard polyester face fabric made from 100% virgin yarn.

## 2. APPLICATION

This specification was released originally for material used as an interior trim fabric for Ka and Figo 2015 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](http://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. 1        |
|------------|--------------|-----------|---------------|
| 2016 08 11 | Released A11 |           | M. Souza, SA  |
| 2014 05 16 | Released     |           | M. Fontes, SA |

**3.6 FABRIC CONSTRUCTION**

3.6.1 Fabric Count, +/- 10 Warp/Weft per 10 cm tolerance

(ASTM D3775)

Warp

365 / 10 cm

Weft

230 / 10 cm

3.6.2 Fabric Weight, +/-10 % tolerance  
(FLTM BN 106-01)333 g/m<sup>2</sup>**3.7 COMPOSITION**

(ASTM D629)

Fabric

100% polyester

**3.8 YARN CONSTRUCTION**

(ASTM D1244)

Warp

**A1 / A11**

166 Dtex f48 x 3

(semi dull, round, FT textured, polyester yarn)

Fill

250 Dtex f72 x 2

(semi dull, round, FT textured polyester yarn)

167 Dtex f48 x 2

(semi dull, round, FT textured polyester yarn)

169 Dtex f48 x 2

(bright, trilobal, FT textured polyester yarn)

**3.9 METHOD OF DYEING**

Solution Dye/Package Dye

**3.10 FINISHED OPERATIONS**

Washing / Heat Setting

Any changes to the above process  
must be approved by Materials Engineering.**4. GENERAL INFORMATION**

The information given below is provided for clarification and assistance in meeting the requirements of this specification. Contact [gmfs@ford.com](mailto: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. In the event of a Global Program or Regional duplication, each regional location of the supplier for this specification must provide a Construction package and be approved to meet this specification.

**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.

