

ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

FABRIC, COLOMBO PATTERN, KNITTED, UNLAMINATED
 FABRIC, COLOMBO PATTERN, KNITTED, 3 mm
 FABRIC, COLOMBO PATTERN, KNITTED, 6 mm
 FABRIC, COLOMBO PATTERN, KNITTED, 15 mm
 FABRIC, COLOMBO PATTERN, KNITTED, 3 mm
 FABRIC, COLOMBO PATTERN, KNITTED, 6 mm
 FABRIC, COLOMBO PATTERN, KNITTED, 15 mm
 FABRIC, COLOMBO PATTERN, KNITTED, 6 mm
 FABRIC, COLOMBO PATTERN, KNITTED, 3 mm PU
 FABRIC, COLOMBO PATTERN, KNITTED, 6 mm PU
 FABRIC, COLOMBO PATTERN, KNITTED, HFW
 FABRIC, COLOMBO PATTERN, KNITTED, HFW
 FABRIC, COLOMBO PATTERN, KNITTED, HFW
 FABRIC, COLOMBO PATTERN, KNITTED, HFW

WSD-M1H563-A
 WSD-M1H563-B1
 WSD-M1H563-B2
 WSD-M1H563-B5
 WSD-M1H563-C1
 WSD-M1H563-C2
 WSD-M1H563-C5
 WSD-M1H563-D2
 WSD-M1H563-F1
 WSD-M1H563-F2
 WSD-M1H563-G
 WSD-M1H563-H
 WSD-M1H563-J
 WSD-M1H563-K

1. SCOPE

The material defined by these specifications is a 6 bar 44 gauge DBR knitted, simulated velour, polyester bodycloth.

2. APPLICATION

These specifications were released originally for material used as an interior trim polyester fabric for the CDW27 program. The face fabric is flame laminated to polyester or polyether urethane foam and a knitted fabric or polyurethane film backing for seating applications. The face fabric is flame laminated to polyether foam alone for inner door and quarter trim panel applications. The face fabric is supplied unlaminate for seat piping applications. It can be backed with HFW weldable backcoating.

COLOMBO PATTERN

WSD-M1H563-A	Unlaminated
WSD-M1H563-B1	3.0 mm, flame laminated to polyether foam and knitted fabric
WSD-M1H563-B2	6.0 mm, flame laminated to polyether foam and knitted fabric
WSD-M1H563-B5	15.0 mm, flame laminated to polyether foam and knitted fabric
WSD-M1H563-C1	3.0 mm, flame laminated to polyester foam and knitted fabric (EAO use only)
WSD-M1H563-C2	6.0 mm, flame laminated to polyester foam and knitted fabric (EAO use only)

Date	Action	Revisions
2002 11 21	Revised	Para 3.0 inserted ; para 3.1, 3.2, 3.3, 3.21, 3.22, 4 deleted
1994 04 08	C10281299	Released B5,C1 ,C22, C5 rev. 3.14.1/2/3/4N. Komatsu
1992 04 16	C10206048	Released

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ENGINEERING MATERIAL SPECIFICATION

WSD-M1H563-A/B1/B2/B5
C1/C2/C5/D2/F1/F2/G/H/J/K

WSD-M1H563-C5	15.0 mm, flame laminated to polyester foam and knitted fabric (EAO use only)
WSD-M1H563-D2	6.0 mm, flame laminated to polyether foam
WSD-M1H563-F1	3.0 mm flame laminated to polyester foam and polyurethane film (EAO use only)
WSD-M1H563-F2	6.0 mm flame laminated to polyester foam and polyurethane film (EAO use only)
WSD-M1H563-G	HF weldable vinyl film adhesive bonded or an engineering approved alternative
WSD-M1H563-H	HF weldable acrylic backcoating applied by the doctor-knife spreading technique, or an engineering approved alternative
WSD-M1H563-J	HF weldable vinyl backcoating applied by the doctor-knife spreading technique, or an engineering approved alternative
WSD-M1H563-K	HF weldable PU backcoating applied by the doctor-knife spreading technique, or an engineering approved alternative

3. REQUIREMENTS

In addition to the requirements listed herein, the fabric or laminate shall meet all requirements of WSB-M8P1-H.

3.0 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

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

3.4 FABRIC CONSTRUCTION

3.4.1	Fabric Count, +/- 5 % tolerance (ASTM D 3887)	
	Wales	90 wales/10 cm
	Courses	110 courses/10 cm
3.4.2	Fabric Weight, range (FLTM BN 106-01)	280 - 320 g/m ²
3.4.3	Pile Height, min (Microscope technique)	1.7 mm