FABRIC, WOVEN BACKING FOR VINYL COATING – DRILL **ESB-M9H1-A**

FABRIC, WOVEN BACKING FOR VINYL COATING – OSNABURG **ESB-M9H3-A**

1. SCOPE

These specifications were released initially for woven fabrics, cleaned, free from waste, and of good commercial quality.

2. APPLICATION

These materials were released originally as backing in the manufacture of vinyl coated fabrics and other trim applications as specified on engineering drawings.

3. REQUIREMENTS

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).

3.2 WIDTH

As specified on the Purchase Order. In all cases, this figure shall be a minimum inside selvage dimension.

3.3 WEAVE

Shall be the same as the sample approved for production by the Textile Engineering Section, BEPE Materials Engineering Department.

3.4 SIZING
(FLTM AN 003-01)

Shall not exceed the maximum indicated in the attached chart.

3.5 INJURIOUS ELEMENTS, max
(ASTM D 377)

Copper	0.001%
Manganese	0.0005%

In addition, chemicals such as caustic soda shall be completely removed so that discoloration does not occur as the vinyl coated fabric passes through the processing ovens.

Date	Action	Revisions
2006 11 06	Revised	ESB-M9H1-B, 2-B, 3-B, 4-B & 5-B removed from the spec, ESB-M9H2-A, 4-A & 5-A inactivated and removed, no replacement named; Inserted 3.0; Deleted 3.1, 3.9, 3.9.1, 3.9.2, 3.9.3, 3.11 & 4 R. Lord
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3.6 DYE FASTNESS

Shall impart no noticeable color to water.

Test Method:

Place 8 oz (237 ml) of distilled water (23 +/- 2 °C) in a white paper cup. Saturate a 2 x 2 in (51 x 51 mm) dyed fabric test specimen in the water. Withdraw the specimen and squeeze it by hand so that the water drips back into the cup. Observe water in cup for noticeable color change.

3.7 DETAILED PROPERTIES

See attached chart

3.8 SELVAGE

Shall be of uniform and equal width on both edges of the fabric. The selvages shall be so made that the tension shall be the same as, and shall lie flat with the body of the cloth. Baggy goods and curling selvages shall be cause for rejection.

3.10 BONDING ASSEMBLY

In addition to the requirements listed above, bonding grade materials shall meet the following added requirements.

3.10.1 Material Acceptability

The criterion for material acceptability shall be the assembly's job performance. This means that the material's composition and formulation must form a satisfactory bond to itself, as an overlay, and/or as an underlay when bonded separately and with the remaining approved components in the assembly and when bonded under approved production conditions.

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