



NETTING, BONDED POLYPROPYLENE

ESB-M9H89-A2

1. SCOPE

The material defined by this specification is a polypropylene netting, composed of continuous monofilament yarns, bonded at right angles to simulate a plain woven fabric.

2. APPLICATION

This specification was released originally as a reinforcement fabric, laminated between mastic and reclaimed fiber pad, to provide material strength for vertical installation between the luggage compartment and rear seats on the 1979 Ford carline, where additional strength is required to support the weight of the mastic.

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 COMPOSITION
(ASTM D 629)

100% Polypropylene

3.3 CONSTRUCTION
(ASTM D 1910)

3.3.1 Weave

Simulated Plain Weave

3.3.2 Thread Count, min

Warp and Fill

4/in (16/100 mm)

3.4 WEIGHT, oz/yd² (g/m²), min
(FLTM BN 106-01)

0.50 (17)

3.5 BREAKING STRENGTH, lb (N), min
(ASTM D 1682, Grab Method)Warp
Fill9 (40)
9 (40)

Date	Action	Revisions
2006 11 06	Revised	ESB-M9H89-A1 inactivated and removed, no replacement named; Inserted 3.0; Deleted 3.1, 3.9 & 4; Revised 2, 3.4, 3.5, 3.6 & 3.7 R. Lord
1978 06 26	Revised	Released "A2" CAH1-PR-901062-5
1975 09 25	Released	AF1-6000-26



3.6 TEAR STRENGTH (Trapezoid), lb (N), min (FLTM BN 022-01)

Warp	2 (8.9)
Fill	1 (4.4)

3.7 BURST STRENGTH, psi (kPa), min

25 (172)

3.8 FLAMMABILITY

This material exhibits burn rates in excess of 4 in (101 mm)/min when tested by itself, and thus must be used only in a composite (completely bonded or attached over its entire surface to another material). The burning rate of the composite shall be 4 in (101 mm)/min maximum, when tested per FLTM BN 024-02.