



LABEL, RUBBER SATURATED PAPER, COMPUTER PRINTABLE PRESSURE SENSITIVE, REMOVABLE, NON-STAINING

WSE-M3G218-A

1. SCOPE

The material defined by this specification is a totally removable rubber saturated paper label with a pressure sensitive adhesive protected by a suitable release liner. The label can accept various printed images from computer terminals, typewriters, ball point pens, pencils and grease pens.

2. APPLICATION

This specification was released originally for material used as a label to provide identification information for marine engines.

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).

3.4 MATERIAL

The material shall be a rubber saturated paper supplied with a pre-coated adhesive on its backside. The label must be removable in one piece and must not leave an adhesive residue on the surface part.

3.5 APPEARANCE

The labels shall be free of streaks, blisters, wrinkles, ragged edges and any other surface imperfections which will make them unsuitable for the intended use. The design and color shall be as specified on the engineering drawing.

3.6 SETTING TIME FOR NORMAL HANDLING

The label shall set sufficiently to permit normal handling immediately after application.

3.7 PREPARATION OF LABELS ON TEST PANELS

The labels shall be tested on actual parts or on laboratory panels which are representative of production parts with respect to substrate, coating and all other process operations. The label must be tested with the printed images affixed by the on-site printing equipment.

3.8 ADHESION, 90° Peel, min (ASTM D 1000)

0.14 N/mm width

Date	Action	Revisions
2006 02 08	Revised	Inserted 3.0; Deleted 3.1, 3.2, 3.3, 3.11, 4
1993 06 17	Released	NEO1-E-10127076-092



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3.9 ENVIRONMENTAL EXPOSURE

Samples shall be conditioned for 48 h at 23 +/- 2 °C and 50 +/- 5% relative humidity prior to exposure. Tests shall be completed with 4 h after removal from the conditioning environment.

After each environmental exposure, the label must not show evidence of delamination, loss of printing and no adhesive staining or adhesive and label residue after the label is removed from the surface of the substrate.

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| 3.9.1 | Adhesion, 90° Peel after
Humidity Aging, min
(ASTM D 1000, 160 h at 38 +/- 2 °C
and 98 +/- 2% relative humidity) | 0.18 N/mm width |
| 3.9.2 | Adhesion, 90° Peel after
Heat Aging, min
(ASTM D 1000, 1 h at 95 +/- 2 °C) | 0.15 N/mm width |

3.10 LABEL STRENGTH

During installation the film or label must not break, tear or deface. The release backing shall not tear or delaminate while being removed from the film or label.