

FACESTOCK DESCRIPTION: ESTATE® #4 LAID—WHITE WET STRENGTH

Elegant white facestock with a laid finish that is manufactured with “wet strength” properties to increase performance in moist environments. The Estate grades are alkaline and made with archival properties for a longer life. It is suitable for high-speed bottling and packaging lines. It is a great stock for premium and prestigious labeling such as wine bottles and home-craft labeling applications.

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| Basis Weight (25 x 38 / 500), lbs. | 60 |
| Caliper, mils | 5.1 |
| Brightness, MacBeth, % | 87 |
| Opacity, Huygen, % | 93.75% |
| Tensile, lbs.(dry)/15 mm, MD/CD, lbs/15mm | 15+ / 8+ |
| Smoothness, Hagerty, units | 110 |

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ADHESIVE DESCRIPTION:

A cold temperature emulsion acrylic permanent which exhibits good initial tack and good adhesion to a variety of substrates including corrugated, rigid plastics, films, glass, and painted metal surfaces. It offers excellent die-cutting and stripping characteristics. Adhesive designed for face and back label use on glass bottles and remains affixed when immersed in an ice bucket. It also features short term repositionability on bottles and hot water removability depending on face, substrate, water temperature, and dwell time.

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| Type | Cold Temperature Permanent |
| Classification | Emulsion Acrylic |
| pH | Alkaline |
| Minimum Application Temp., °F | +25 |
| Service Temperature Range, °F | -10 to +200 |
| Regulatory Compliances | Acute Oral Toxicity 16 CFR 1500.3, ASTM F963 Child Toy Safety, CONEG, FDA 21 CFR 175.105, Primary Eye Irritant 16 CFR 1500.42, Primary Skin Irritant 16 CFR 1500.41, REACH, RoHS |

LINER DESCRIPTION: 44#

A polycoated brown kraft liner with superior die-cutting and stripping properties. Designed for high-speed label dispensing and application.

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| Basis Weight (25 x 38 / 500), lbs. | 48# +/- 10% |
| Caliper, mils | 3.2 +/- 10% |
| Regulatory Compliances | 87 |

All product specifications are for informational use only. Each customer and/or end user should determine the suitability of any product for their particular application. The above specifications are based on typical values and most current information. Specific products listed were current at the time of publication, however, all raw materials are subject to change.

Shelf Life: Six months when stored at 72°F / 50% RH.

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