

**FACESTOCK DESCRIPTION: 60# Estate Label® #4 Wet Strength, FSC® Certified**

Elegant white facestock with a laid finish that easily accepts die-cutting, embossing, and foil stamping. It is manufactured with "wet strength" properties to increase performance in moist environments. The Estate grades are FSC® Certified as well as 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.



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
pH	Alkaline
Regulatory Compliances	FSC® Certified, FSC® is a voluntary program, and not legally required to be adhered to, Archival

®Estate Label is a registered trademark of Neenah Paper Inc.

**ADHESIVE DESCRIPTION: H-318**

H-318 is the ideal choice for high end beverage and spirits, with improved resistance to moisture and humidity after bottling and at presentation to the consumer. H-318 is an aggressive, blended emulsion acrylic adhesive with the unique ability to combine special characteristics from different adhesives. H-318 was engineered to provide excellent high initial tack and quicker label adhesion onto glass while providing functional converting performance on an array of paper and film face stocks.

Type	Hybrid
Classification	Emulsion Acrylic
Minimum Application Temp., °F	35
Service Temperature Range, °F	+10 to +150
Regulatory Compliances	FDA 21 CFR 175.105

**LINER DESCRIPTION: 1.2 Mil Clear Polyester**

A clear polyester film liner with high strength and durability. Typically used for high speed automatic roll-to-roll applications.

Caliper, mils	1.2
Yield, sq. in/lb	16,500
Tensile Strength, MD / TD, psi	29,900 / 29,900
Haze, %	3.5%
Elongation at break, MD / TD, %	100 / 100
Shrinkage at 302°F/30 min., MD / TD, %	2 / 0.4
Regulatory Compliances	CONEG, REACH

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: One year when stored at 72°F / 50% RH.