



## About AVEO

AVEO is a tree free text and cover range of paper made from 90% sugar cane stalk (Bagasse) which is left over after the sugar cane stalks are crushed to extract their juice to make sugar. This sustainable and renewable resource has traditionally been burned or placed in a landfill.

The balance of 10% of AVEO is made from a combination of linen and hemp which are both left over from the textile industry. This material is added to enhance folding and strength characteristics. This material would also end up in a landfill if it were not used to make AVEO.

Because AVEO paper is made from mostly sugarcane pulp, sometimes small particles of the stalk can be seen and is to be expected. Although usually very clean, sometimes small brown spots or brown fibers can appear in White Sugar and sometimes small white spots can appear in Brown Sugar.

AVEO is recyclable, biodegradable, acid free and elemental chlorine free.

AVEO® is a registered trademark of Reich Paper.

## AVEO can be used for:

- Offset Printing
- Letterpress Printing
- Digital Printing
- Foil-Stamping
- Scoring & Folding
- Engraving
- Thermography
- Die Cutting
- Calligraphy
- Laser Printing
- Envelope Conversion

AVEO 80# text is ink jet and laser compatible although pre-testing is recommended.

## Caliper

Caliper is a measure of the thickness of a sheet of paper (1 pt. = 1/1000 of an inch).

Below is a list of basis weights and corresponding calipers of AVEO. All Reich Paper grades are manufactured to a basis-weight standard, not to caliper. Calipers here (and in stock charts) are provided for reference, but may vary slightly from run to run, as is typical for any paper.

AVEO Weight	GSM	Caliper
80# Text	120	6
92# Cover	250	13
118# Cover	320	17

## Printing

### Offset

**Inks:** Standard offset inks may be used when printing on AVEO.

**Laser:** AVEO is suitable for laser printing. Pretesting is essential as performance will vary from one printer to another.

**Ink Jet:** AVEO is suitable for both monochrome and color ink jet printing, but results may vary from one printer to another. It is important to pretest on the actual printer to be used.

**Digital:** AVEO White Sugar Digital HP 118# is treated for use on HP Indigo digital presses.

AVEO 80# Text, 92# Cover and 118# Cover have been successfully printed on Xerox iGen, Kodak NexPress and Konica Minolta digital presses.

## Design and PrePress

**Design & PrePress:** Our paper stock charts list all sheet sizes with grain direction last. As for all papers, binding and folding AVEO parallel to the grain direction is recommended.

**Dot Gain:** Printing on AVEO will result in similar dot gain as printing on other uncoated paper.

**Line Screen:** In general, line screens ranging from 150-200 are used for printing on AVEO.

## On Press

**Storage & Handling:** As for all papers, avoid exposing AVEO to extreme humidity or temperature conditions.

**Spray Powder:** Normal spray powder may be used when printing on AVEO.

## Finishing

**Varnish & Aqueous Coating:** As with all papers, varnishing or aqueous coating AVEO after printing can help to protect the printed area.

**Foil Stamping:** AVEO foil stamps beautifully. As with most processes, we strongly recommend pre-testing as there are many variables (types of foils, complexity of the design, pressure, environment, etc...)

**Scoring & Folding:** AVEO will score and fold beautifully. As for all papers, folding with the grain direction is preferred. We recommend a rounded channel score with a minimum width of 2.5 times the caliper of the sheet. All AVEO weights are ideal for converting and packaging applications.

**Binding:** Binding should always run parallel to the grain direction.

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**Please contact us if you have any questions about the Technical Printing & Use information included here or if you need information about any other topics. We have endeavored to address most aspects of printing and use here; however we do not accept liability for any errors or omissions. Should you have any questions, or need additional information please contact us at 718.748.6000.**