



High barrier paper for sensitive products.

WHAT IS ECOPAPERHIGHPLUS?

Constantia Flexibles has added an ultra high barrier layer to it's high barrier range.

KEY BENEFITS

- Recyclable in the paper waste stream
- High barrier, even at 38°C / 90 % r.h.
- Robust structure with improved puncture resistance
- 100% grease resistance

MACHINABILITY WITH DIFFERENT FORMATS

- Tested for good machinability on vertical & horizontal packaging lines
- Runs on any existing HFFS & VFFS lines with full efficiency and speed
- Existing packaging lines can be modified with only minor adjustments
- Available with a smooth or a rough surface shine

PACKAGING PROCESS

- Needs to be adapted to paper
- High speed and original efficiency can be achieved with minor modification
- Leading machine manufacturers have already developed tools to modify their horizontal flow wrapper or vertical bagger, in order to run paper

APPLICATIONS

sensitive products like

- granola bars
- biscuits
- ... and others

CERTIFICATES

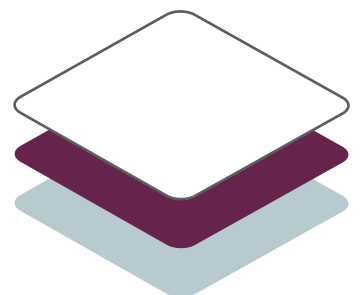
- Recyclable in the paper waste stream
- Approved for direct food contact
- Paper FSC or PEFC certified



Paper —————

Barrier layer —————

Cold seal - optional ———



More Sustainable Packaging

EcoPaper



For **low** barrier applications.
Paper pouches, flow-wraps or
bundle packs for pre-packed
products.

Barrier properties:

- Seal strength (ASTM F88)
3-5 [N/15mm]

Products:

- Multipacks or pouches for pre-packed products like:
- Snacks
 - Confectionery
 - Home & Personal Care

OUR APPROACH:

- More sustainable solutions for a better tomorrow
- Provide packaging solutions that protect products & natural resources
- Paper based solution to replace mixed plastic laminates
- Certified recyclability in paper waste stream

STRUCTURE

- Lacquer / Ink / Paper / Coating /
Heat seal or cold seal

EcoPaperPlus



For **medium** barrier applications.
Paper flow-wrap for products with
aroma and grease barrier
requirements.

Barrier properties:

- Mosh / Moah (Hexan)
< 12 [g / (m² · day)]
- Grease barrier (Tappi 559 Kit) 12

Products:

- Flowpacks or pouches for products like:
- Snacks
 - Confectionery
 - Home & Personal Care

EcoPaperHighPlus



For **high** barrier applications.
Paper flow-wrap for products with
good oxygen and water vapor barrier
requirements.

Barrier properties:

- WVTR (23°C, 50% RH) < 1
- WVTR (38°C, 90% RH) < 5
- OTR (23°C, 50% RH) < 1
- Grease barrier (Tappi 559 Kit) 12

Products:

- Flowpacks or pouches for sensitive products like:
- Cereals
 - Snacks & Confectionery with high barrier requirements
 - Home & Personal Care

GENERAL PROPERTIES:

- Mono material
- Recyclable in the paper waste stream
- Available with matt/glossy outer lacquer
- Printable by rotogravure, flexo, digital
- For heat seal or cold seal applications
- Tested for good machinability on vertical and horizontal packaging lines
- Ideal for food and non-food products