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**BPM** *Inc*

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## Our Paper Mill

- Our paper mill was built in 1917 along the twenty-five mile long Peshtigo River.
- We are dedicated to the art of paper-making with generations of craftsmanship.
- BPM enjoys giving back to the community by sponsoring Earth Day clean up events, the construction and renovation of the community baseball fields, donations to local sports teams, food pantry, schools, churches and community events.



# BPM Energy Leadership Recognition



BPM has invested more than \$1.8 million in energy-saving efforts. The largest project was installing a new boiler system. This energy-efficient equipment reduced BPM's natural gas consumption by more than 15%. That translates to about \$745,000 in energy savings annually.

Excess steam it produces that is not used by BPM's paper machines is captured and used to help heat the mill in winter.

Effectively cut the production time for pulping by 50 percent. The changes save more than \$55,000 in annual energy costs.

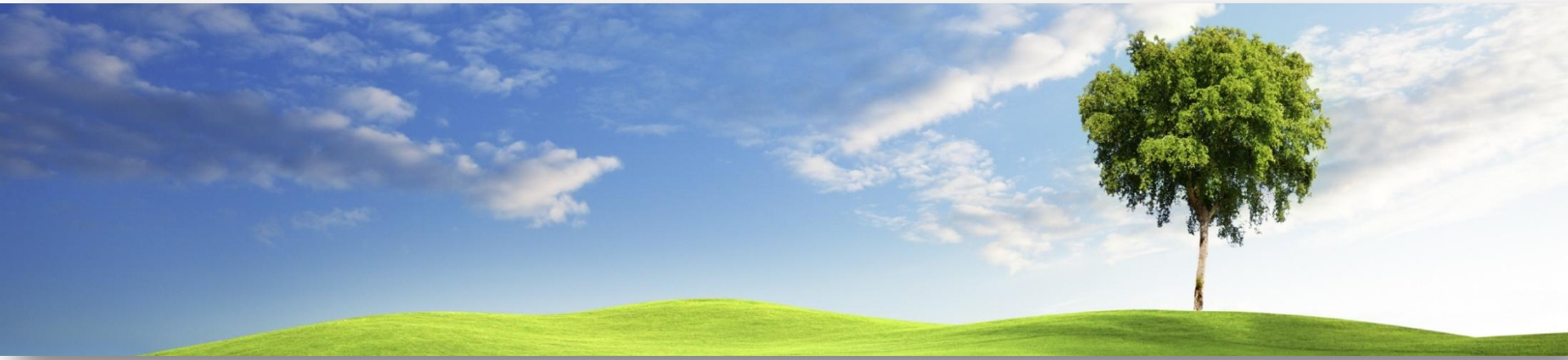
Governor's Award for Excellence in Energy Efficiency Recipient



BPM Inc. is a leader in the nation that has committed to reduce their industrial intensity by 25 percent over the next decade.

BPM is on the way to their goal by already reaching 22% reduction in energy since 2008.

BPM is efficient in their paper manufacturing process. The operations are 99.9% Landfill Free.



As a specialty paper company, BPM manufactures high quality 100% pcw FSC and SFI Certified Recycled paper,

### Envirographic™ 100.

- What is 100% pcw paper?
- How does **Envirographic™ 100** close the loop?
- What are the Environmental Benefits?
- What is FSC and SFI?
- What is process chlorine free?



# PCW – Post Consumer Waste:

Paper that once used by an end user. Examples that qualify include office wastepaper, junk-mail and magazines from people's homes, undeliverable mail, office wastepaper, and shipping packaging from delivered products. Products, scraps and materials still in the production or value-added process do not qualify. (Defined as pre-consumer)



# BPM Closing the Loop



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# Environmental Benefits

If an average US Public school district uses about 20 pallets of paper a year, 40,000 lbs – 800 cartons of **Envirographic 100**, the Environmental savings are:

**Wood:** 75 tons of wood | The equivalent of about **517** 6" diameter and 40' tall trees.

**Net Energy:** 211 million BTU's | The equivalent of about **2** homes/year.

**Greenhouse Gases:** 52,545 lbs of CO<sub>2</sub> | The equivalent of about **5** cars/year.

**Wastewater:** 236,943 gallons | The equivalent of about **1** swimming pool.

**Solid Waste:** 15,020 lbs | The equivalent of about **1** garbage trucks.

Information from <http://calculator.environmentalpaper.org/home>



## FSC & SFI



**FSC – Forest Stewardship Council:** A voluntary, market-based tool that supports responsible forest management. FSC certified forest products are verified from the forest of origin through the supply chain. **BPM Inc. is FSC Certified: FSC 019220**

**SFI – Sustainable Forestry Initiative:** An accounting system that tracks fiber content through production and manufacturing to the end product. SFI chain of custody labels allow the use of fiber from certified forests, certified sourcing, and post-consumer recycled material. **BPM is SFI Certified: SFI-00239**

**PFC - Process Chlorine Free:** Chlorine and its derivatives (such as chlorine dioxide) can be harmful to the environment. PCF means that no chlorine or chlorine derivative are used in the paper manufacturing process. **BPM Inc. is Process Chlorine Free.**

# Copy Paper

- 88 Bright and 92 Bright
- Smooth finish for top performance
- 8.5 x 11", 8.5 x 14", 11 x 17"
- 8.5 x 11" 3 hole punch
- Loose in cartons
- Loose on skids
- Custom Packaging available
- FSC, SFI and 100% PCW



# Rolls

- 40# – 80# Basis Weights
- 88 bright or 92 bright
- Smooth or Vellum
- Roll widths 6" – 60 ½"
- Option for Metered for back-stand use
- Pastel Shades Available
- Custom color matching available
- Cores: 3, 5, 6" and custom
- FSC, SFI and 100% PCW



# Offset Folio Sheets

- 40# to 80# Basis Weights
- 88 bright and 92 bright
- Smooth and Vellum finished
- Precision Sheeter accuracy to +/- .03125"
- Standard and custom sheet sizes available
  - Loose in cartons
  - Bulk Packed on Skids
- Guillotine-trimming capabilities
- FSC, SFI and 100% PCW



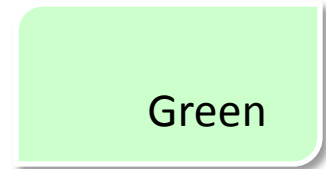
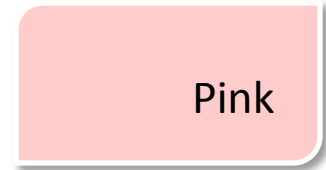
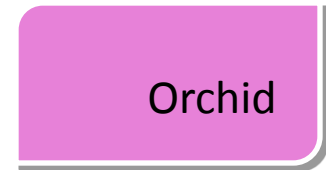
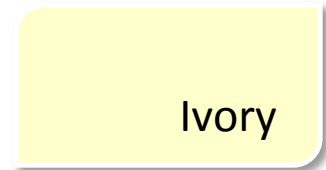
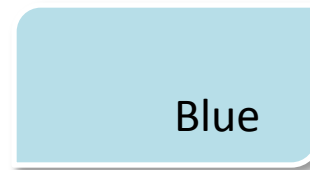
# Envelope Stock

- 20# - 28# Basis Weights
- 88 Bright and 92 Bright
- Rolls and folio stock
- Security Printing/watermark options
- US Postal Service Automation Compliance Tested. Approved for speed and run ability.
- Pastel and custom colors available



# Pastels

- Standard Colors 40-80#
- Custom Colors available (mill minimums)
- Available in rolls, 6" to 60 ½"
- folio sheets (standard or custom sizes)
- cut sizes, 8.5 x 11", 8.5 x 14", 11 x 17"
- Hole punching available
- Loose in cartons or ream wrapped
- Loose on skids
- Custom packing also available



# Book Publishing

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## Shades

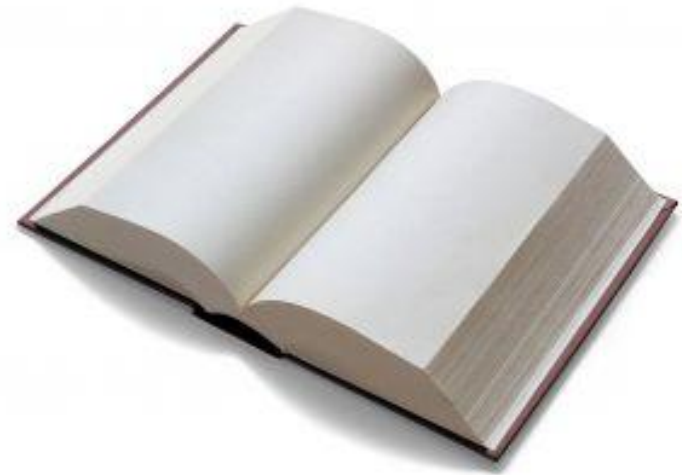
- Warm white
- Natural Book

40-80# Basis Weights

PPI

## Examples:

- Annual reports
- Books
- Brochures



# Hole Punching

- Top Punch
- Side Punch
- Custom Punching
- 20-28# Basis Weights
- Pastel colors available
- Custom color matching available
- VeloBind pre-punch
- GBC pre-punch
- Medical Report Form



Rebuilding our forests  
one page at a time.



Envirographic™ 100  
Making Paper New Again.



**BPM** *Inc*

™

**Specialty, MG  
& Flexible  
Packaging Papers**

# MG Papers

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## MG Paper Machine:

- 123" Trim (uncoated)
- One sided Coating
- Calendar Stacks
- In line Waxing
- FDA applications

# Wet and Dry Waxing Capabilities



← Wet waxed papers have a continuous film on one or both surfaces. Chilling the wax as soon as possible after the application produces these papers. Different waxes and blends can be used depending on the end use requirements.



← Dry waxed papers are manufactured by applying wax to one or both sides of the sheet. Butter wrap, gum wrap, and souffle cups are processed this way.

# Printing Services



BPM Inc.  
Printing Division  
750 Ralph Lemorande Drive  
Oconto Falls, WI 54154  
920-846-4888

Specialty products are often colorful products. BPM Inc. offers state-of-the-art printing services and provide high quality, printed products to our customers. Our on-line Color Control System provides consistent color from run to run.

6 to 8 Color Central Impression Presses:

Maximum Print Width: 63"

Substrates: Papers, Films, Non-wovens

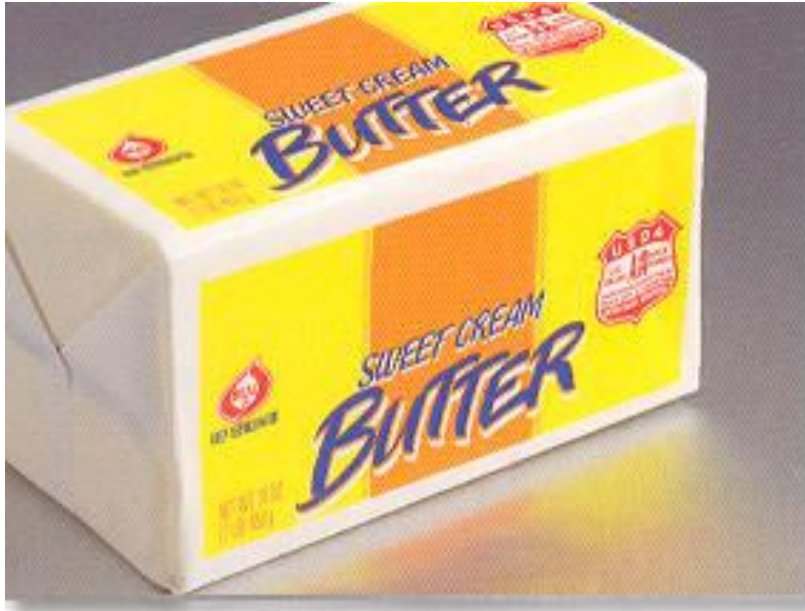
Gearing: 10 DP and 1/4" DP

Maximum unwind/rewind diameter up to: 50"

Video camera web inspection system

# Butter Wrap

## Surrounded by Quality



- Runs smoothly through converting equipment
- Excellent stiffness for increased speed and decreased waste
- Non-curl properties reduce jamming and simplify product wrapping
- Wet strength aids in runability in moist/wet processing environments
- Eye-mark registration produces consistent wrap feed into the forming die
- Maximum retention ensures a tight wrap
- Non-wicking to retain product moisture and maintain package appearance
- BPM Inc. butter wrap papers are designed to work on Benz and Hilgers butter wrap machines

# Cheese Interleaver



## Quality Anyway You Slice It

- Flat sheet delivery creates enhanced productivity on converting equipment. Stable sheet properties reduce jamming and provide full control of an unsupported sheet
- Excellent handling characteristics due to targeted porosity for single sheet pick-up
- Multiple wax and paper weight combinations provide targeted release characteristics
- Suitable for slice separation in packaged cheese and delicatessen applications

# Confectionery Wrap



## Sweet Success

- Fully integrated production provides single source control from paper production to printing, waxing, and slitting
- Formable design ensure good dead fold and excellent twist retention
- Release characteristics can be customized for type of candy being wrapped
- Variety of opacity levels meet appearance and value requirements
- Superior strength maintains premium product appearance and stands up to demanding packaging situations
- 8-color printing capabilities ideal for the most sophisticated design requirements
- Consistent colored paper capabilities

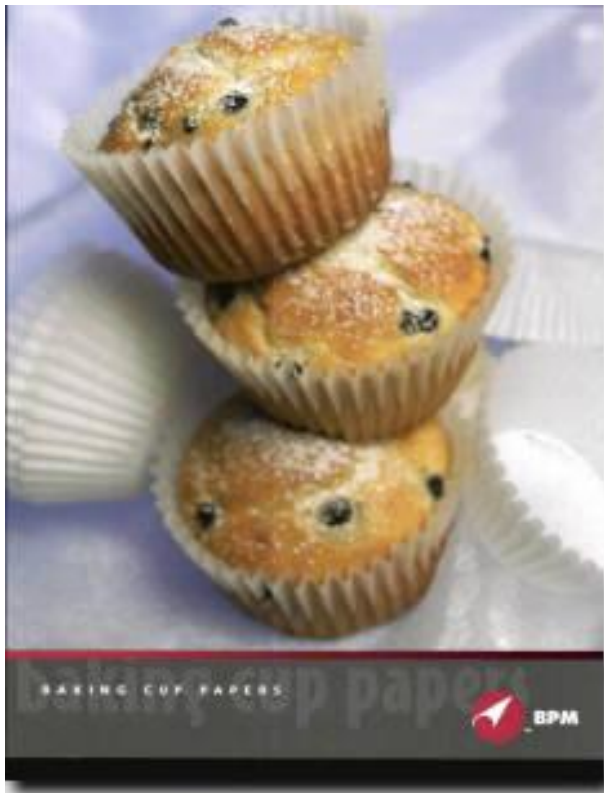
# Cone Jacket



## A Cool Solution

- Offering a broad range of products with the capabilities to service multiple segments in the cone jacket business: conical, flat bottom
- Print capabilities to customize or advertise for your customer
- Uniform appearance with the opacity, brightness, and print surface to make graphics pop
- Clean cutting through die stamping/cutting operations for less debris; sheet stability to lay flat after cutting
- Balanced sheet for proper glue penetration allows for excellent adhesion under changing usage environments (warm cones in bakery to ice cream in freezers) yet not soak through and mar the print surface
- Forms well to provide stable end structure allowing for permanent joint retention (doesn't pop open)
- Excellent rimming/crimping characteristics in high-speed processing without cracking
- Resists moisture penetration to retain product during use

# Baking Cup



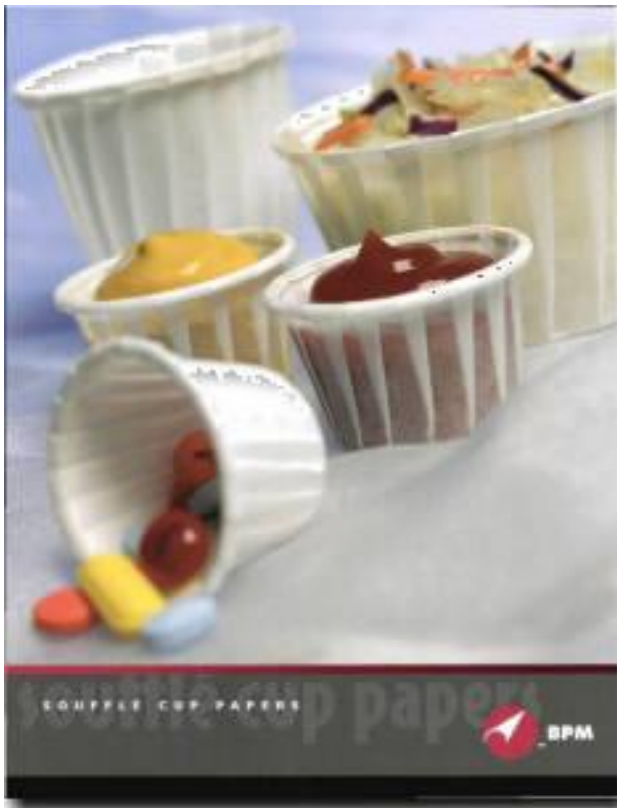
## Serving Up A Proven Performer

- All substrates meet established food grade cleanliness requirements
- Crisp pleating/forming and minimum wall flair provide superior stacking/packing characteristics
- Excellent handling/delivery characteristics due to targeted porosity for vacuum feeding result in a better-than-industry-standard performance in automatic denesting equipment
- Low moisture absorption helps maintain shape of baking cup and minimize spillage in automatic fill operations

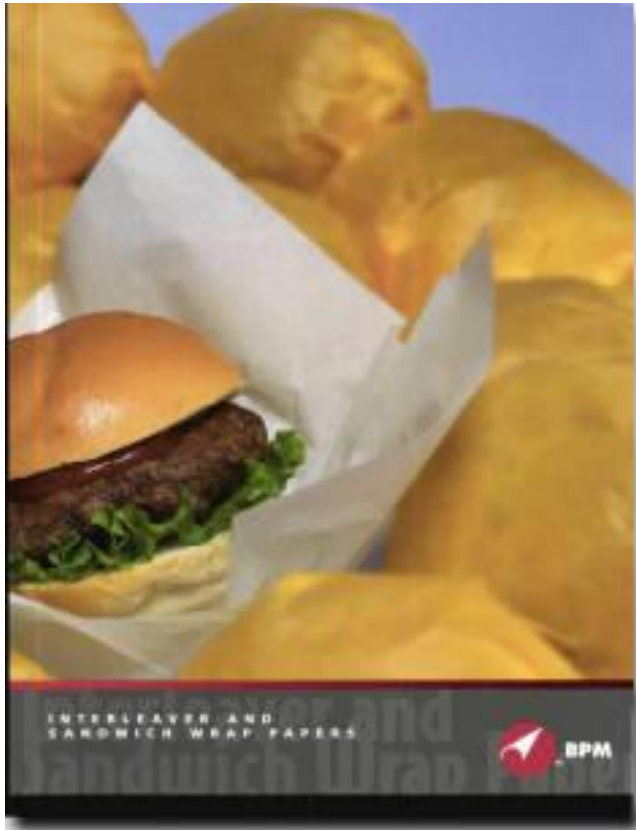
# Soufflé Cup

## Portioned for Perfection

- All substrates meet established food grade cleanliness requirements
- Runs smoothly through converting equipment. Consistent caliper and balanced strength create a clean cut through blanking/die-cutting process with minimal dust. Balanced waxed structure and moisture levels provide good dead fold for crisp pleats and tight lip formation. Surface characteristics facilitate good cup nesting providing unwavering processing and packaging performance. Consistent color ensures uniform packaging performance.
- BPM Inc.'s versatile product line is designed to accommodate diverse usage requirements while satisfying the budgetary needs of our customers. Superior holdout/barrier characteristics stand up to demanding applications such as food service/portion control and condiments. Economical alternatives are available for less demanding applications such as pill cups



# Interfold and Sandwich Wrap



## Quality that Stacks Up

- Enhanced productivity on converting equipment through a fast sheet delivery. Non-curl properties reduce jamming and flaking while providing full control of an unsupported sheet
- Excellent handling characteristics due to targeted porosity for single sheet pick-up
- Multiple wax and paper weight combinations create targeted release characteristics for a variety of frozen meat products
- Grades offered are suitable for meat patties, sliced meat and poultry packaging
- Can be laminated to create heavier sheets or multi-ply sheets that can be separated
- Custom print and color match capabilities create crisp logos and clear product identification
- Superior release characteristics prevent bun sticking to wrapper

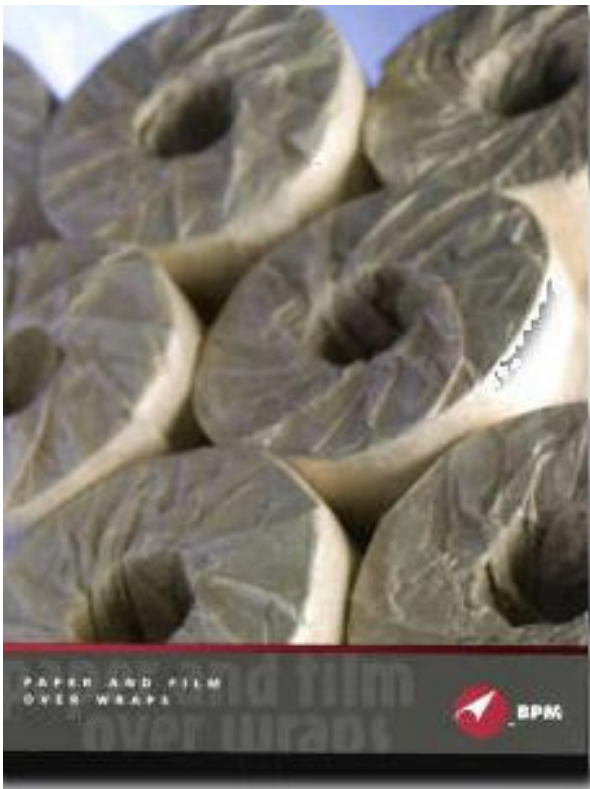
# Meat Interleaver



## Food Grade Paper

- Great Wet Strength
  - Water Repellency
  - All substrates meet established food grade cleanliness requirements
  - Freeze release
  - Flavor barrier
  - Tear resistant
  - Sanitary Handling
  - High coefficient of friction (COF) for stable stacking
- Interleave Papers developed for:
- Cheese
  - Deli Meats
  - Beef Pattys
  - Fish Fillets
  - Cookie Dough
  - Pizza Dough

# Paper and Film Overwrap



## We've Got It Covered

- All substrates meet established food grade cleanliness requirements
- Enhanced productivity through converting equipment. Superior performance on Valley, Dynawrap, and Omega wrap equipment. Flexible substrate with good tear resistance provides excellent core tucking.
- Smooth MG surface characteristics produce outstanding graphics
- In-house printing bolsters BPM Inc.'s capabilities. Package over wraps printed in up to 8 colors on paper substrates as well as a wide range of film types and thicknesses. Excellent color matching and color control capability to meet demanding customer requirements.

Thank you!



**BPM** *Inc*

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