



*We appreciate this opportunity to present
SmartSolve[®] Materials*



Companies of Excellence



Global Locations



BOWLING GREEN, OHIO U.S.A



MARKHAM, ONTARIO CANADA



WINSFORD, CHESHIRE U.K.

Our Mission

SSI supplies game changing water soluble technology into strategic markets while modeling and extending the **Kingdom of God.**

Our Vision

To Become the Preeminent Water Soluble Materials Supplier in the World



Vertical Integration

- **Raw Materials**

- Ability to alter material thicknesses, widths and lengths to meet specific customer dissolution requirements

- **Coating**

- Including a variety of pressure sensitive and heat seal adhesives for varying applications
- Capability to apply different thicknesses of adhesives in customer specified patterns

- **Printing**

- We are vertically integrated with flexographic, inkjet and digital print technologies.
- Flexographic printing is recommended for water-soluble substrates

- **Converting**

- Offer custom roll sizes and basic pouch converting capabilities
- Other customizable options are available such as die cutting, continuous labeling, and high efficiency rewind.

SmartSolve® Materials Offering

- **Direct Thermal Labels**
 - Used for water-soluble labels printed through a thermal printer.
- **Pressure-Sensitive Paper**
 - Used for creating water soluble labels.
- **Water Soluble Adhesives and Inks**
 - Used for creating water soluble packaging.
- **Pouches, Tubes & Flexible Packaging**
 - Used for water-soluble paper pouches.
- **Face Material**
 - The widest variety of water-soluble paper based stock from 2pt to 30pt.
- **Hangtags and String**
 - Used for water-soluble hang tags: Available in 14pt, 17pt, 24pt and 30pt.
- **Boxes and Containers**
 - Used for water-soluble corrugate and folding cartons: Available in 10pt, 14pt, 17pt, 24pt, and 30pt.
- **Hydrographics Technology**
 - Game changing American printed innovation in the water transfer printing industry.

Benefits of SmartSolve[®]



PERSONAL SAFETY



SUSTAINABLE



TIME SAVINGS



CONSUMER CONVENIENCE



INNOVATIVE



PRODUCT PORTIONING

Benefits of Water-Soluble Paper vs. PVA

- **Printability**

- Water soluble paper allows you to print your desired image or slogan directly onto the product whereas PVA cannot be printed on.

- **Resistance to Humidity**

- PVA can degrade in humid environments, but water-soluble paper will maintain its integrity and function longer and more effectively.

- **Ability to Hold Weight**

- Water-Soluble paper adds strength to the overall constructions allowing for greater weight-bearing potential

- **Environmentally Sustainable**

- Using water-soluble paper instead of PVA will decrease your plastic waste and save energy costs and emissions associated with paper recycling.
- SmartSolve's paper comes from FSC certified forests that are committed to responsible forest management.

Get Smart. Go Green.



- SmartSolve® materials have undergone significant independent laboratory testing and has received certifications of “Green” (TPCH and CPSIA 2008). Additional testing is underway (EU Reach, California Prop 65, IARC, NTP and FSC).
 - Biodegradability - ASTM D6868
 - Biobased Analysis - ASTM D6866
 - Disintegration - ISO 20200
 - Ecotoxicity - OECD Guideline 208
 - Sloss Box Disintegration Test method criteria.- FG502
 - Consumer Products Safety Improvement Act (CPSIA) - absence of lead & phthalates
 - Toxics in Packaging Clearinghouse (formerly CONG) – heavy metals

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A background image of water splashing, with a large splash on the left and a smaller one on the right, creating a dynamic and fresh visual.

SmartSolve[®]

GO BEYOND RECYCLING[™]