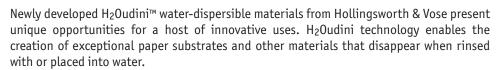




# H<sub>2</sub>OUDINI WATER-DISPERSIBLE PAPER





**Controlled dispersibility.** While standard H<sub>2</sub>Oudini water-dispersible paper dissolves in 3 to 10 seconds, this unique technology can be engineered to dissolve within the time frame you specify, depending upon your application needs.

**Eco-friendly.** H<sub>2</sub>Oudini material is biodegradable and nontoxic. Its variations can be engineered to include renewable components such as fibers from rice, corn, grasses, or other natural materials.

**Easy processability.** Paper converters can process the material much like ordinary paper. Produced in various weights and thicknesses, it can be surface coated, printed upon, slit, laminated, embossed, perforated, or creped to suit your process needs. H<sub>2</sub>Oudini works with a number of compatible coatings.

**Heat-sealable.** Certain H<sub>2</sub>Oudini grades offer the unique benefit of heat sealability. This exceptional capability enables the paper to be made into single-dose consumer and industrial pouches.

**Familiar look and feel.** H<sub>2</sub>Oudini has the strength, look, and feel of regular paper products. Consumers can write or print on it, fold or tear it — yet this unique dissolvable paper withstands oils, alcohols, and emulsions. H<sub>2</sub>Oudini also maintains moderate temperature resistance and steam resistance, and is autoclavable.

**Challenge your imagination.** H<sub>2</sub>Oudini technology offers customers a unique and differentiated substrate for applications such as dissolvable labels, packaging and containers, and specialized industrial uses. Contact us if your product can incorporate this novel material.

Hollingsworth & Vose, a leader in engineered paper and nonwovens since 1843, consistently delivers state-of-the-art solutions to achieve advanced performance for demanding applications. Water-dispersible paper represents just one of the latest innovations developed under the HVision™ technology platform.













## **A Myriad of Applications**

H&V's water-dissolvable H<sub>2</sub>Oudini lends itself to numerous uses, from a rinse-off label to a self-disposing delivery medium.

Applications include the following:

## Labels (pressure-sensitive, water-soluble)

- Removable stickers on glass or plastic
- Rinse-off labels on reusable containers or glassware
- · Wash-away tags providing clothing stores with proof of wear

#### **Industrial**

- Water leakage inspection material
- Dissolvable packets for dry chemical portions
- Temporary labels for datemarking and work in progress
- · Welding dams

### **General packaging**

· Packages, bags, cartons, packs, pouches, and other dissolvable containers

## Home and garden

- Seed strips and kneeling mats
- · Wash-away embroidery backing
- Games, toys, novelties
- Dissolvable packs for soap, biocide, or fertilizer
- Flushable and dispersible wipes
- Rinse-away patterns

## Medical

- Water-dissolvable swab sticks
- Easily dispersed cleanup materials
- Easily degradable packaging materials

### Government

Security stationery for classified documents

## Miscellaneous

- Writing paper for fast-disposal notes
- Envelopes
- Wash-away confetti

To learn more about H&V's H<sub>2</sub>Oudini water-dispersible paper and to view a video of how the product works, visit www.hollingsworth-vose.com/wdp. For additional information, contact H&V by phone at 508-850-2000, or e-mail info@hovo.com



## www.hollingsworth-vose.com

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