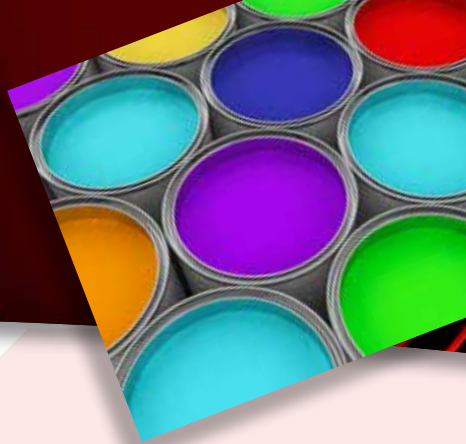


# Magnum Inks & Coatings™

## Product Guide



### Magnum-FILM

#### *Water-based Film Inks*

Our low-VOC water-based film inks are formulated using the latest polymer and additive technologies to achieve high-quality, trouble-free printing on film for both flexographic and gravure applications. Magnum-FILM inks are non-blocking, highly customizable and versatile enough for almost any narrow- or wide-web film printing application, with options for product/chemical resistance and metallic, fluorescent, and pearlescent colors available.

#### **Magnum-FILM product lines include:**

- **Magnum-FILM (Standard):** Your go-to solution for a range of film printing applications. Our film ink systems are optimized with ideal drying rates for narrow and wide web applications.
- **Magnum-FILM Outdoor:** Quality, lightfast and water-resistant inks ideal for outdoor applications
- **Magnum-FILM White:** Exceptionally high-opacity, scuff-resistant white ink for surface printing

### Magnum-FOIL

#### *Water-based Foil Inks*

Our environmentally friendly, low-VOC water-based inks are designed to achieve consistent, high-quality printing on primed or unprimed foil for both flexographic and gravure applications. Magnum-FOIL inks deliver superb adhesion, superior rub/scuff resistance, water resistance, and brilliant, transparent colors with our non-blocking formula that ensures worry-free foil printing.

#### **Magnum-FOIL product lines include:**

- **Magnum-FOIL:** Your go-to solution to satisfy the most common foil printing needs
- **Magnum-FOIL Extra:** High-quality inks that self-crosslink, making them ideal for outdoor applications

### Magnum-LAM

#### *Flexo Inks for Lamination*

Our specially formulated water-based flexographic inks for lamination applications are designed to adhere to a wide variety of films and deliver worry-free performance on long print runs with minimal maintenance. In addition to their excellent lamination bonds, Magnum-LAM inks print strong, crisp colors and are easy to clean up without plugging anilox rolls. The Magnum-LAM family of inks includes products optimized for a variety of structures and lamination processes.

#### **Magnum-LAM product lines include:**

- **Magnum-LAM Poly:** A family of inks optimized for multiple structures, including poly-to-poly, poly-to-PET, and poly-to-metallized-polyester lamination processes.
- **Magnum-LAM Pouch:** Developed to withstand the secondary heat and multiple stages of processing involved in printing stand-up laminated pouches.
- **Magnum-LAM White:** Formulated with the latest printing ink chemistries to continuously print an exceptionally opaque white lamination backing

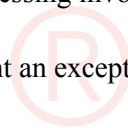
### Magnum-TAG

#### *Water-based Tag & Label Inks*

Our selection of Tag & Label inks are designed for use with a wide variety of substrates and applications. We're pleased to offer our suite of off-the-shelf products, and our expertise with Tag & Label inks allows us to customize existing products to meet your specific needs or quickly develop new products to help grow your business.

#### **Magnum-TAG product lines include:**

- **Magnum-TAG:** Our traditional line of Tag & Label inks for a large variety of substrates and applications, with many customizations available to meet customer specifications
- **Magnum-TAG DT:** Specialized inks that offer heat resistance suited for direct thermal label paper.
- **Magnum-TAG HT:** Inks featuring heat resistance suited for heat transfer / thermal transfer paper labels.



## Magnum-CORR

### *Water-based Corrugated Inks*

Our innovative Magnum-CORR water-based corrugated inks are formulated to meet the demands of corrugated applications and to provide you with a worry-free printing experience. Magnum-CORR inks deliver clean, consistent printing and strong, accurate colors developed to match across a variety of paper and board substrates.

#### **Magnum-CORR product lines include:**

- **Standard:** Your go-to solution for everyday corrugated printing needs
- **Display:** Inks for display-quality corrugated applications, boasting superior print quality and strong, vivid colors
- **Economical:** An economical solution that doesn't force you to sacrifice color accuracy or ease of use
- **Preprint:** A specially formulated ink offering hot scuff resistance and strong colors suited for preprint corrugated applications

## Magnum-FC

### *Water-based Folding Carton Inks*

Our line of water-based inks optimized for the demands of folding carton printing. Magnum-FC inks offer maximum flexibility to prevent cracking on corners, along with superior gloss and strong, bright colors that allow your folding cartons to look their best. Our ink is designed to maintain printability on long print runs with minimal maintenance, combining ease of use with easy cleanup for a no-hassle solution.

## Magnum-AQUA

### *Aqueous Inks for Papers and Multi-walled Bags*

Our line of aqueous inks designed for various papers and multi-walled bags offer excellent performance and long-run printability at high speeds with minimal maintenance. Magnum-AQUA inks feature rub resistance and clean printing that yields strong, consistent colors on paper and multi-walled bags.

## Magnum-RC

### *Rod Coatings*

Our specially formulated rod coatings are designed to withstand the heat and scuff of preprint processing conditions. Magnum-RC rod coatings deliver exceptionally smooth coating, excellent printability, and easy cleanup while providing a printable/glueable coat.

#### **Magnum-RC product lines include:**

- **Magnum-RC Waxable White:** White coating designed to maintain the desired after-wax brightness.
- **Magnum-RC Black:** An ideal coating for preprint corrugated applications, featuring exceptionally jet color. Available in flat, satin, and conductive configurations that can be adjusted to meet customer specifications.
- **Magnum-RC Colors:** Available in standard Pantone® PMS, GCMI, or custom-matched colors tested using quantitative color measurement tools. Lightfast, pearlescent, and metallic coatings also are available.

## Magnum-UV

### *UV Coatings*

We're pleased to offer our Magnum-UV line of protective and aesthetic UV coatings for use in commercial printing applications. Available as gloss, satin, matte, and soft-touch overprints for paper and film to give your printed pieces a beautiful finish.

## Magnum-COATS

### *Functional Coatings and Overprints*

Take advantage of our specialty in creating customized functional coatings and overprints. We offer a selection of metallics, fluorescents, security inks, primers, printable overprints, and other specialty coatings, with formulations customizable to meet your specifications.



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