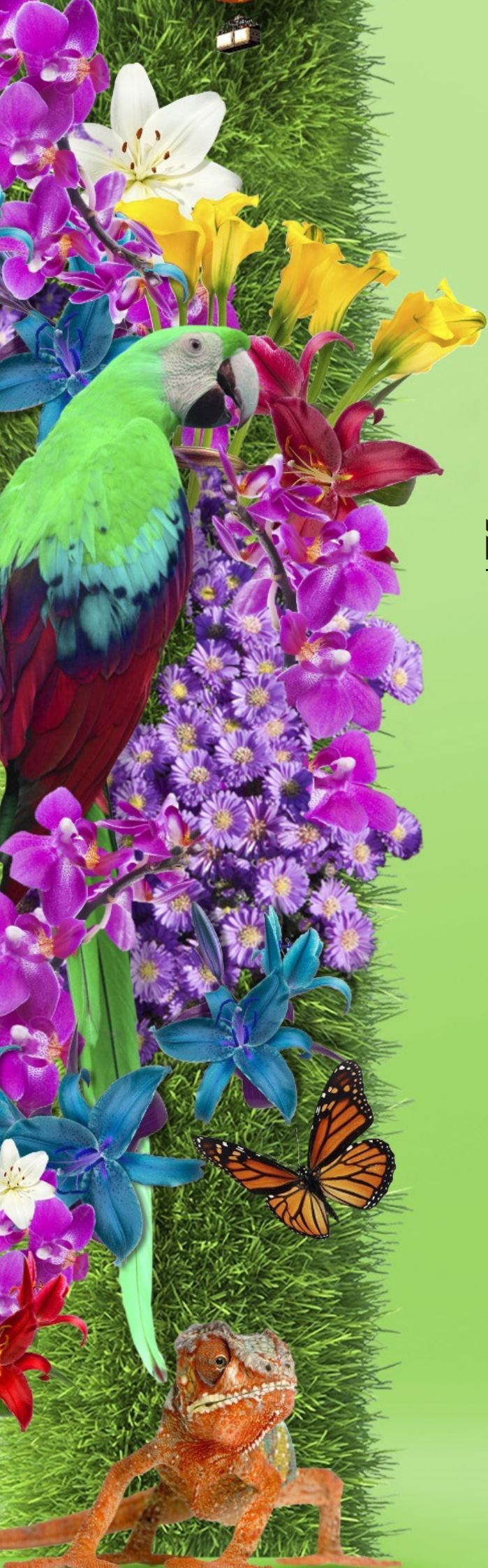


Discover MagnaColours™ Water-based Inks





MAGNACOLOURS

IMAGINATION INK

World-leading water-based screen printing inks

We've pushed boundaries in every direction to develop a comprehensive range, with each product excelling at the job it was designed to do.

MagnaColours are innovative, water-based screen printing inks that offer an alternative solution to traditional plastisol inks. Our vast range of inks offers a user-friendly print experience and delivers soft, opaque, vibrant, and durable prints.

All our base inks are compatible with a strong range of MagnaPrint™ pigments, enabling you to optimize your printing experience with our IMS 3.0 Ink Management System.



CORE PRINTING PASTES

MAGNAPRINT HIGH SOLIDS

Our High Solids range of ready-to-print inks deliver ultra-high opacity, unrivalled elasticity, and soft flexible feel alongside impressive on-screen performance.

Key products in the range include the AquaFlex V2 range, featuring White—perfect as an underbase, highlight white, or pigmented to achieve a pleasing pastel shade—and Neutral—ideal for achieving strong, bright shades.

MAGNAPRINT HB MEDIUM SOLIDS

Formulated for use with a discharge or high solids base on fabrics with poor discharging properties, our HB range of non-drying inks provides super soft-hand feel and high opacity, ideal for tonal artwork on high mesh counts, delivering performance similar to mock-discharge.



UNDERBASES

MAGNAPRINT MIGRATION BLOCKERS

Bleed resistant underbases, these are ideal for preventing dye migration on more problematic poly/cotton and polyester fabrics. Including our market leading Migration Blocker Black, these products also deliver optimal matting down properties and a soft, flexible handle final print.

Also in the range are bases suitable for enabling water-based inks to be printed on water repellent fabrics as well as bases suitable for printing under plastisol inks—perfect for printers looking to transition to water-based from plastisol.

MAGNAPRINT SOFT BASES

These low solid inks are intended for bright prints on light-colored fabrics. Includes ND Extra, a non-drying base developed specifically for high mesh counts that provides super sharp print mark and ultra-soft handle with excellent wash durability.



DISCHARGE INKS

MAGNAPRINT DISCHARGE INKS

Bright and beautiful color effects with a barely-there hand feel can be achieved using our Discharge ULF formaldehyde-free and Discharge LO Low Odour systems. Our conventional Discharge AB AW system also offer these benefits.



SPECIALS

MAGNAPRINT SPECIAL EFFECTS

Speciality ready-to-use water-based inks offer effects ranging from lustrous metallics, color-shifting pearlescents, and eye-catching glitters to gloss textures, high density 3D, and puff effects.

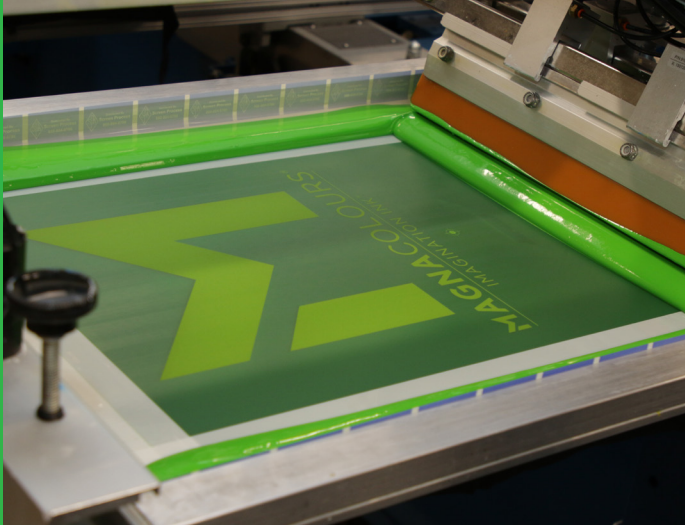
DIGITAL HYBRID

Developed for use in the latest Digital Hybrid printing systems, our Hybrid Fusion Vibrant White base ink has the necessary characteristics to allow it to be treated like a standard water-based ink, while delivering fantastic color vibrancy and image accuracy, a soft hand feel, and flexible drape. With an exceptionally fast curing time of ninety seconds, it alleviates the need for a separate topcoat, reducing the number of screens and optimizing efficiency.



ADDITIVES

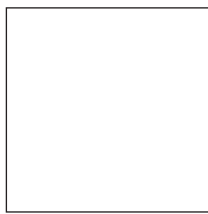
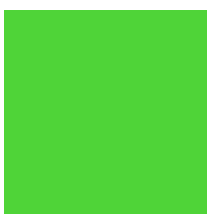
Our MagnaColours portfolio includes a varied range of additives and auxiliaries tailored to support individual print requirements and conditions, and enhance the ink's properties, such as durability, viscosity, or flexibility. This range includes crosslinkers, thickeners, reducers, and softeners.



PIGMENTS

These high concentration pigments, with strong build-up, high brilliancy, excellent dispersion stability, and tight particle size can be used with our MagnaPrint bases and are compatible with the IMS 3.0 Ink Management System.

MagnaPrint® Eco Pigments

					
MAGNAPRINT ECO WHITE HW	MAGNAPRINT ECO ORANGE HO	MAGNAPRINT ECO YELLOW HR	MAGNAPRINT ECO YELLOW HG	MAGNAPRINT ECO BLUE HB	MAGNAPRINT ECO BLUE HG
					
MAGNAPRINT ECO PINK H5B	MAGNAPRINT ECO VIOLET H4B	MAGNAPRINT ECO RED HB	MAGNAPRINT ECO GREEN HB	MAGNAPRINT ECO BLACK NGN	MAGNAPRINT ECO NAVY HR
					
MAGNAPRINT ECO FLUO BLUE	MAGNAPRINT ECO FLUO GREEN	MAGNAPRINT ECO FLUO YELLOW	MAGNAPRINT ECO FLUO ORANGE		
					
MAGNAPRINT ECO FLUO RED	MAGNAPRINT ECO FLUO PINK	MAGNAPRINT ECO FLUO VIOLET			

Colors shown are for reference purposes only and are not necessarily an exact representation of the actual MagnaPrint color.



IMS 3.0 INK MANAGEMENT SYSTEM

IMS 3.0, a proprietary color formulation software from Avient Specialty Inks, is a cloud-based ink management system for managing color and inventory.

Avient Specialty Inks is a leading global manufacturer of screen printing inks for the textile industry and of specialty inks for industrial applications. We are recognized as a leader in our markets with a deep focus on quality, innovation, and customer service.

For more information, visit **avient.com** or contact us at **+44 1226 731751**.

www.avient.com



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