

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 MagnaMix™ custom color-matching software.



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.



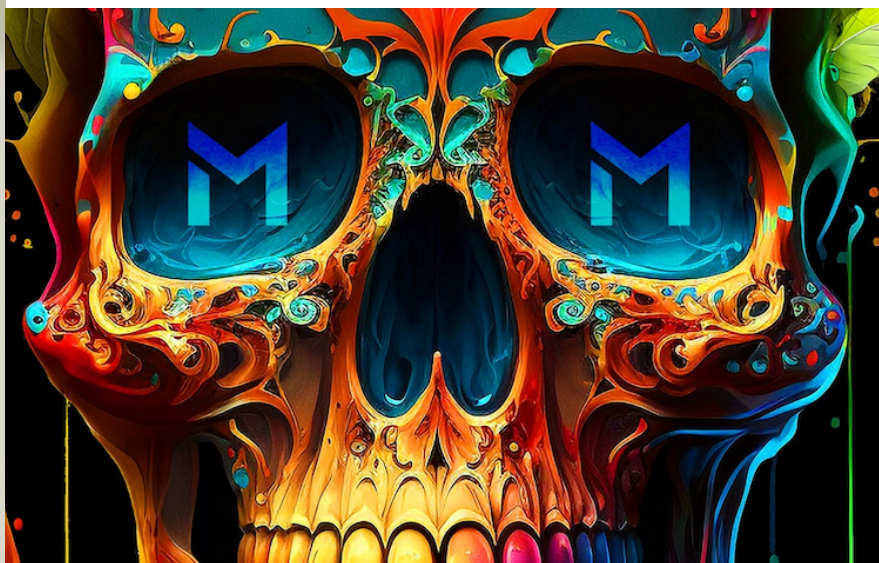
SPECIALS

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.

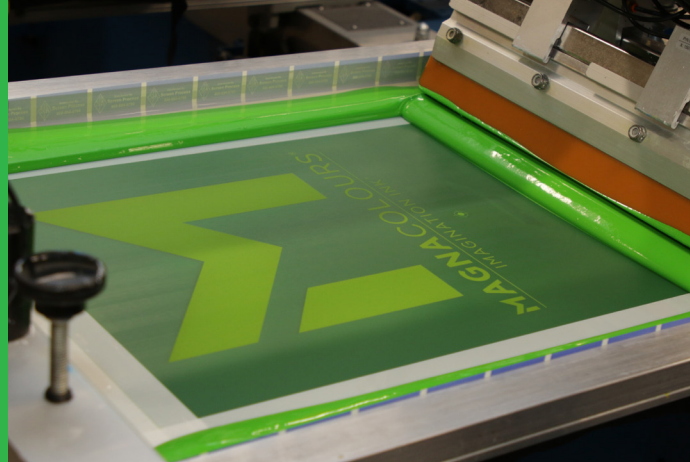
DIGITAL HYBRID

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

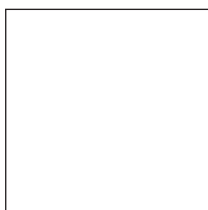
Our MagnaColours portfolio includes a varied range of additives and auxiliaries tailored to support individual print requirements and conditions, and enhance the ink's properties, such as durability, viscosity, or flexibility. This range includes crosslinkers, thickeners, reducers, and softeners.



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 MagnaMix Colour Matching Software.

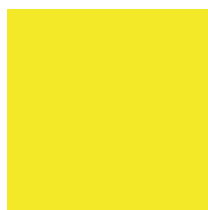
MagnaPrint® Eco Pigments



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



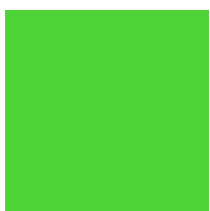
MAGNAPRINT
ECO BLACK
NGN



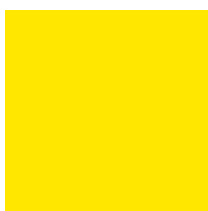
MAGNAPRINT
ECO NAVY
HR



MAGNAPRINT
ECO FLUO
BLUE



MAGNAPRINT
ECO FLUO
GREEN



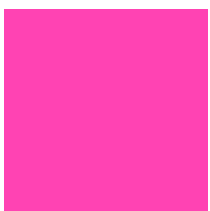
MAGNAPRINT
ECO FLUO
YELLOW



MAGNAPRINT
ECO FLUO
ORANGE



MAGNAPRINT
ECO FLUO
RED



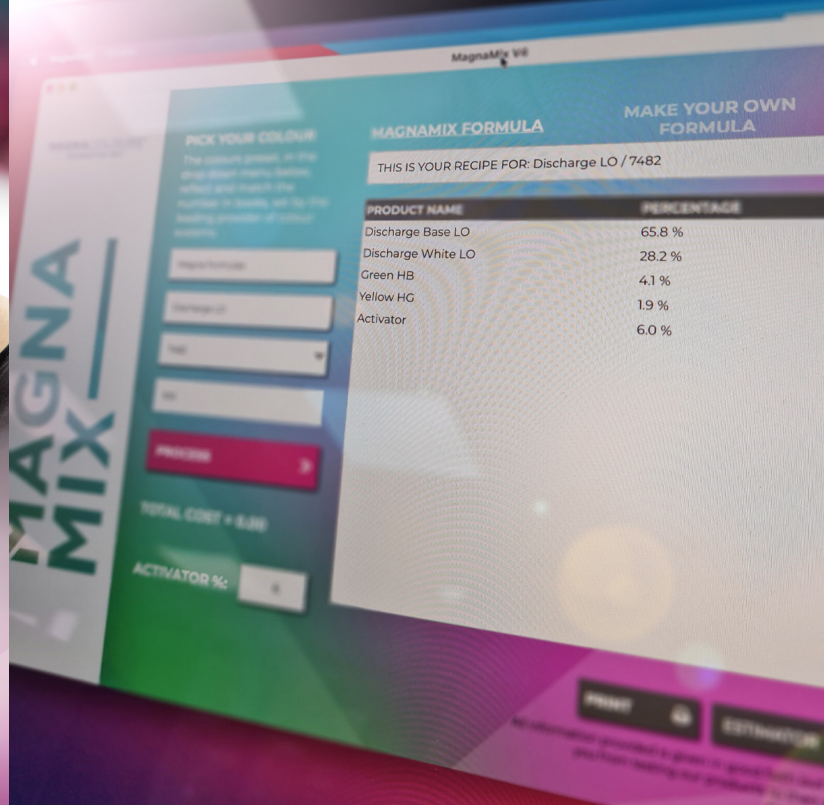
MAGNAPRINT
ECO FLUO
PINK



MAGNAPRINT
ECO FLUO
VIOLET

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

MAGNA MIX—



MAGNAMIX

MagnaMix is our color-matching software that helps screen printers get the most out of our inks. The system matches MagnaPrint bases with our Eco Pigments—quickly generating color formulas. The software holds different databases of formulae, including customer exclusive formulations.

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 magnacolours.com or contact us at **+44 1226 731751**.

www.avient.com



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