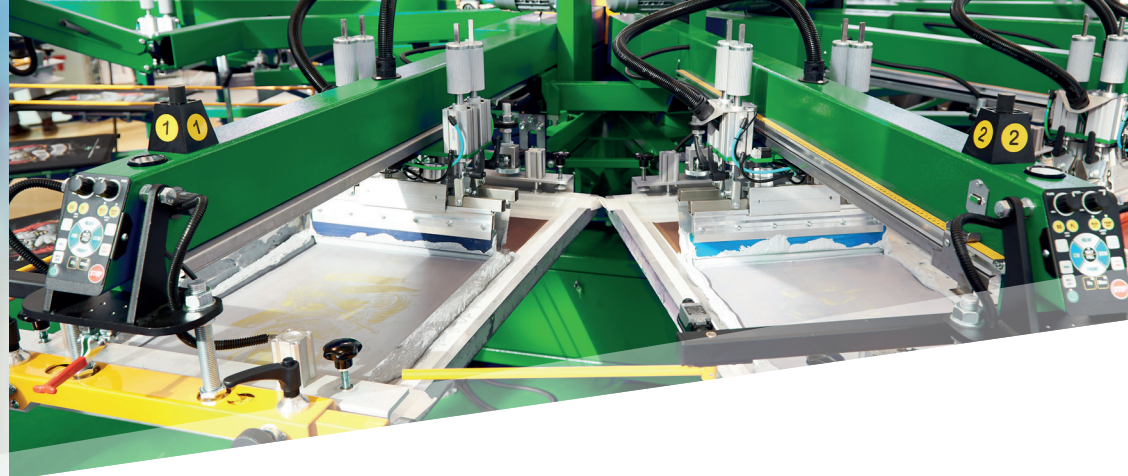


COMPLIANCE & SUSTAINABILITY





AN EVER CHANGING INDUSTRY

The textile and clothing industries are constantly changing and evolving.

Market leaders, associations and NGOs are all driving change to ensure that the manufacturers and their supply chain are being more responsible when it comes to the inks and chemicals they use during printing and production.

Brands and global retailers are becoming more and more concerned with their environmental image and are demanding their suppliers are also more environmentally conscious.

We recognise that to be a leader in water-based inks, we must stay at the forefront of legislation and compliance. We are proud to work with brands and governing bodies globally to supply products that are better for the environment and safer for use in all stages of the manufacturing process.

A GREENER WAY OF PRINTING

The exceptional performance of our latest generation of water-based inks means there is limited need for solvent-based printing systems, immediately reducing the risk of harmful chemicals to our health and the environment.

By aiming to eliminate these chemicals from the garment-printing industry, we will change the world forever.

Since being awarded the prestigious Queen's Award for Innovation in 1998 for developing the first formaldehyde-free discharge printing ink, MagnaColours® has remained committed to reducing the amount of harmful chemicals used in the textile printing industry, without any loss of ink performance.

Through a close collaboration with global brands and retailers, we keep abreast of their environmental needs to ensure that our inks are consistently safer and better for the environment and production staff.

We are proud to state that our core MagnaPrint® product range is Oeko-Tex® Eco Passport certified and registered at ZDHC Confidence Level 1.



OEKO-TEX® ECO PASSPORT

Eco Passport by Oeko-Tex® is an independent certification system for chemicals, colourants and auxiliaries used in the textile and leather industry.

Each ingredient used in the manufacture of our certified inks is analysed to ensure they meet the Eco Passport requirements and that it is not harmful to human health.

All Eco Passport certified products are independently tested and analysed giving you peace of mind.

Our inks certified under Eco Passport can be used for the production of Oeko-Tex Standard 100 garments.

Our core range of MagnaPrint® inks and Eco Pigments are Eco Passport certified.

All Eco Passport approved products can be found at www.magnacolours.com

ZDHC - ROADMAP TO ZERO

The ZDHC Roadmap to Zero Programme is a coalition of fashion brands and value chain associates working together to eliminate and substitute hazardous chemicals for safer ones in the production processes of garments and textiles.

Since its inception in 2011, the ZDHC Roadmap to Zero Programme has grown and developed into the ZDHC Foundation which has overseen the creation of the ZDHC MRSL. This is a list of hazardous chemicals that manufacturers and retailers should eliminate from their supply chain.

By looking at the entire supply chain and reducing the harmful chemicals used at all steps of the process, ZDHC aims to reduce the environmental impact of the textile industry.

Over 20 global brands and retailers have signed up to the ZDHC roadmap so far, working towards eliminating the use of hazardous chemicals in the production of garments and textiles.

MagnaColours® has a range of Eco-Pigments and inks that have been certified to ZDHC Confidence Level 1.

All ZDHC approved products can be found at www.magnacolours.com



GNA® GREEN NEUTRAL AND AWESOME

In 2017 MagnaColours® launched a brand new compliance standard called GNA®.

The GNA standard is a universal certificate of compliance and sustainability that meets the demand to significantly reduce the amount of hazardous and environmentally damaging chemicals from the garment printing industry.

As the textile industry's toughest Restricted Substances List, it is our bold commitment to reducing harmful chemicals used in the industry and being able to provide our customers with peace of mind.

Thanks to our innovative approach, achieving impeccable quality and durability from the use of water-based inks is no longer out of reach.

Through ground-breaking innovation, investment and partnerships, we have created inks to overshadow PVC based inks on every front: efficiency, effectiveness and sustainability.

GNA is a natural evolution of our continual commitment to safe, sustainable inks. We use the GNA standard as our benchmark to ensure inks that we develop in our MagnaLab and throughout production meet the requirements of retailers, brands and governing bodies globally.

SWITCH TO A GREENER WAY OF WORKING

SWITCH WITH EASE

Through the Make the Switch Programme, MagnaColours® aims to help printers to switch to MagnaPrint® Inks from plastisol or other water-based inks.

MAKE THE SWITCH

We will initially conduct an end-to-end review of your production processes to identify areas to improve efficiencies and to help build a roadmap tailored to your requirements to switch to MagnaPrint water-based inks.

We believe that support and education should not stop when you receive your ink. Through a combination of follow-up site visits and online training videos, we offer a comprehensive training and support package to help you realise the full benefits of water-based printing.

MAGNAACADEMY®

Whether you are switching from plastisol inks, or already experienced in water-based printing, MagnaAcademy will help you learn new techniques and tricks to get the most out of our inks and your designs.

Training is broken down into individual modules, helping you to develop the skills and knowledge you need to stay at the forefront of our industry and explore your newly found creative freedom with confidence.

Designed to fit seamlessly with your working practices, the programme is flexible, efficient and highly informative, using the latest learning technology to deliver rich and practical content.

Together, we can show the world that greener really can mean better.



1992

Invented the first formaldehyde-containing discharge using dry heat fixation

1998

Invented the first formaldehyde-free discharge, culminating in the Queen's Award for Innovation

2000

First to remove APEOs from all screen ink formulations

2002

Launched the first non-drying wet-on-wet water-based screen ink, ND Extra

2007

Developed the first formaldehyde-free high-solids print system

2008

Developed the first formaldehyde-free underbase for plastisols, Plascharge

2009

Launched the first medium-solids semi-opaque wet-on-wet water-based print system for vector art

2009

Launched the first one-pack water-based Burn Out system, stable for 12 months

2015

Developed the first lowest-temperature-curing, high solids & opacity, slow-drying, quick flash water-based ink, without any need for additives - Aquaflex

2016

Developed the first one-pack water-based reflective screen ink that doesn't require catalysts

2017

Introduced GNA®, the strictest compliance system for the water-based screen-printing industry

2017

Launched the first industry-focused training academy specifically for the water-based screen printing industry - MagnaAcademy®

2018

Developed an innovative new low-temperature, fast-curing, slow-drying underbase, Migration Eliminator V2

Launched revolutionary, wet-on-wet water-based printing system, EDGE

2019

Launched Killer Base for use under plastisol to improve the handle

Introduced Hybrid Fusion, White Base and Topcoat for use with Digital Hybrid printing systems

Developed a next generation migration blocker eliminating sweating on problematic fabrics - Migration Blocker Black

2020

Launch of MagnaTrans™. An exciting new range of high performance water-based transfer inks, adhesives and films

MAGNACOLOURS®
IMAGINATION INK®

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email info@magnacolours.com
or visit magnacolours.com to learn more.