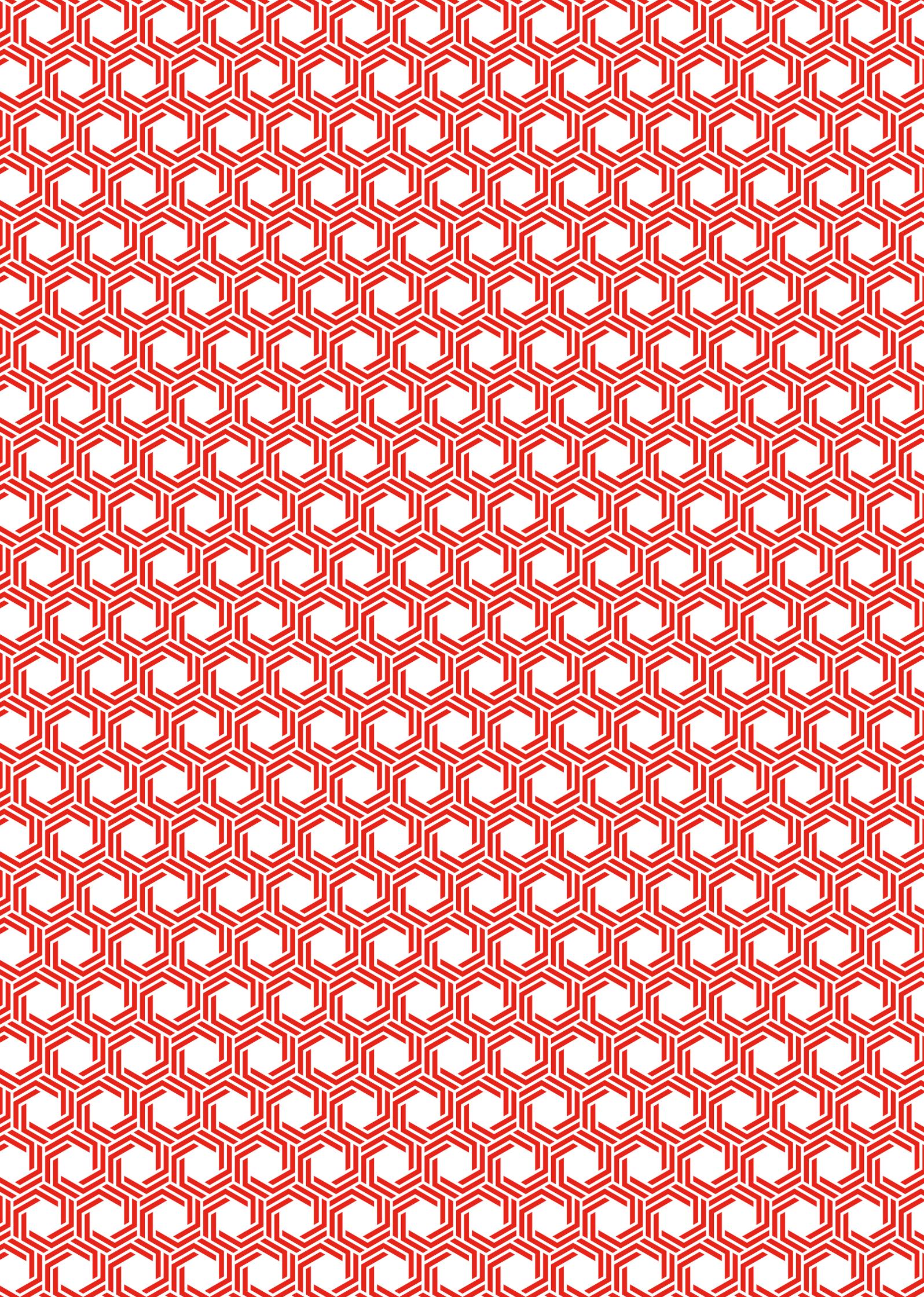


Sandon | Global

NARROW-WEB





SANDON GLOBAL

An Introduction

Sandon Global is an award-winning manufacturer of rolls and sleeves used in the flexographic, gravure, lithographic and metal decoration print industries, worldwide.

Our innovative products, technical expertise and professional technical support lead the market. A statement justified by the enviable industry accolades and long standing, loyal customer base.

Our dedicated staff and global network of agents and distributors work tirelessly to improve our laser engravings, led by a solution focused approach. Visit our Innovation Hub online to monitor the latest related industry topics.

Customers also benefit from our range of ancillary products, including ultrasonic cleaning equipment, volume measuring equipment and anilox storage.

If you have a print challenge, please contact us with a brief outline.



TO REQUEST A
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PLEASE EMAIL

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PRAISE INDEED

Founded in 2004 the Sandon Global timeline is both rapid and impressive. Our customers have achieved award winning print quality using Sandon Global anilox technology.

“BY FAR THE BEST PRINT QUALITY WE HAVE EVER HAD”

Westpak Supreme Award Winner & FlexoTech Awards

“Regular audits have helped us to avoid low volume anilox on site which lead to colour matching issues and downtime.” **Ian Furmage, Skanem**

“Sandon Global's GMX shallow engraving enabled us to apply a tactile coating successfully. Surpassing our customers expectations.” **Mark Freestone, Label Express**

“Award-winning anilox HD screening contributed to Interket achieving numerous global print awards. Sandon Global set the standard.” **Tim Pattison, Interket**

“The Soft Clean wash tank solved the issues we were having with mechanical cleaning. We can now clean several rolls at a time quickly and effectively.” **Allister Bradshaw, Westrock MPS**

OUR GLOBAL PRESENCE



New agents or distributors can register their interest online.”

Export to over 50 countries via our international sales network.

OUR VISION

VISION, MISSION & VALUES

Vision

To develop a successful, **sustainable international** business that is globally **recognised** as the **leading** brand in our **selected markets**.

Mission

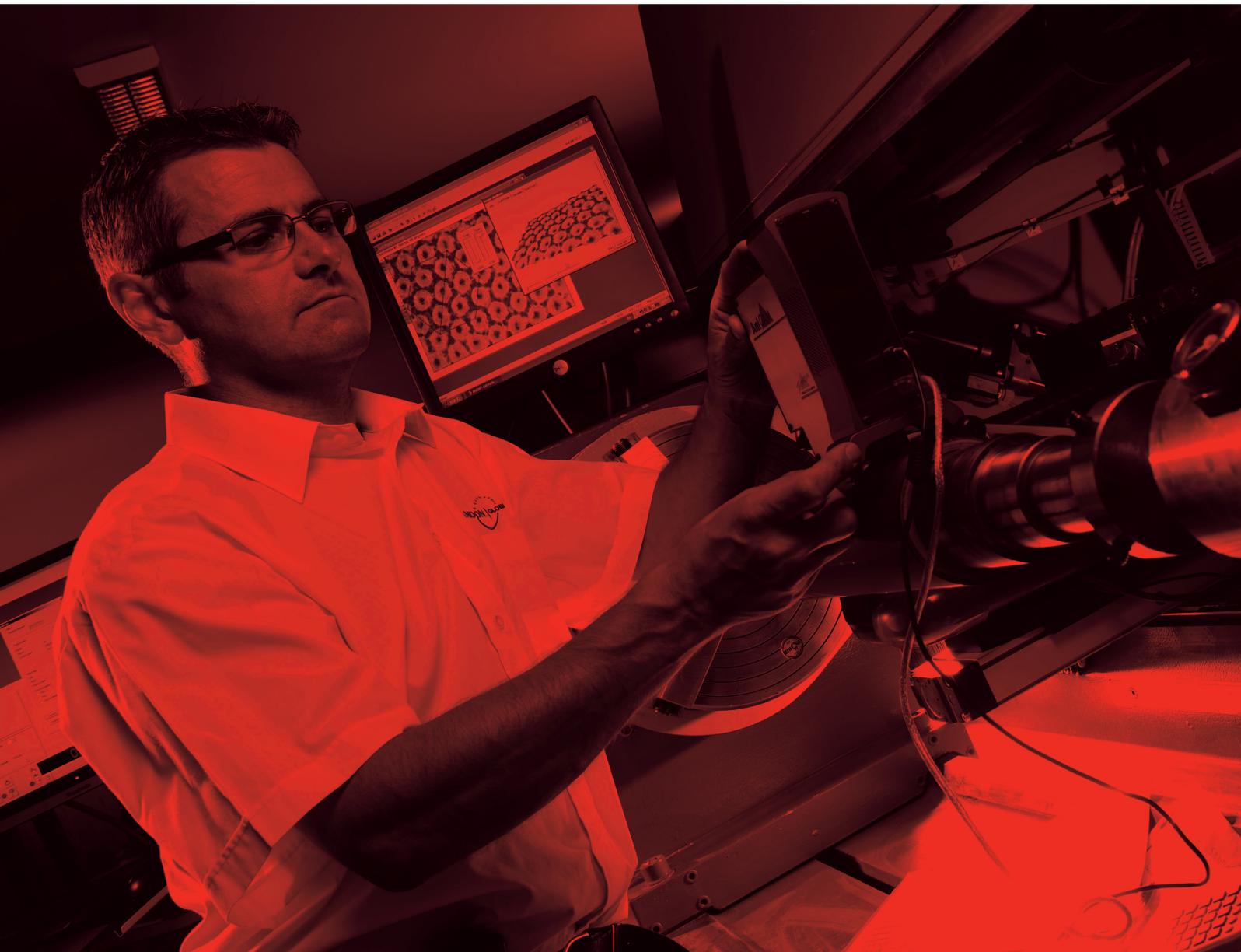
Become the number one anilox supplier of choice.

Values

Precision
Continuous Improvement
Service
Expertise



“ Ultimately our brand is the knowledge, dedication and professionalism of our staff, many of whom have worked with us for decades. This experience is invaluable as we never compromise in maintaining our service levels and product quality. ” **John Millington, CEO**



AWARDS & ACCREDITATIONS



We are delighted to have won the EFIA "Supplier of the Year" Gold Award in 2019, 2018, 2017, 2016, 2015, 2014 and 2011 and the Silver Award in 2013, 2010, 2009 and 2008.

What makes these awards so special is they are selected from nominations directly from European printers. Proving that we are continually delivering on our promise to provide product quality and exceptional service to our customers. We remain the only anilox manufacturer to win such a series of EFIA awards. We are taking this success into all the continents around the world through an extensive network program. We are actively growing our global network. New agents or distributors can register their interest online.



Sandon Global are an ISO 9001:2015 accredited company, which means that we maintain our high quality standards day in, day out.

OEM'S & PARTNERS

Sandon Global has a strong relationship with the leading Original Equipment Manufacturers (OEM's) and print supply chain around the world.

We are currently the preferred supplier for the following narrow web and wide web flexo press brands:



These longstanding partnerships have been developed through our commitment to sharing knowledge and expertise with industry leaders. Our focus on analytical, service and quality levels lead to award winning print results.

We are members of:



PRINT TECHNIQUE

Our award-winning anilox rolls and cylinders are designed to meet specific requirements and challenges set by the Narrow-Web Flexo and Lithographic print markets.

We manufacture and supply both new and refurbished laser engraved anilox. No single step of our production process is outsourced, guaranteeing total quality control. Our methodical approach assures the extended lifespan of our anilox, delivering print consistency and repeatability of colour for our customer base day in, day out.

Each of the engraving formats have been developed to achieve optimised results with UV and water-based inks in HD process, solid, vignette, white and various coating applications. Whatever your print requirement Sandon Global will have the ideal anilox to meet your print needs.

We also supply a range of ancillary products to support our product and meet the cleaning and maintenance demands of an industrial print operation.

NARROW-WEB



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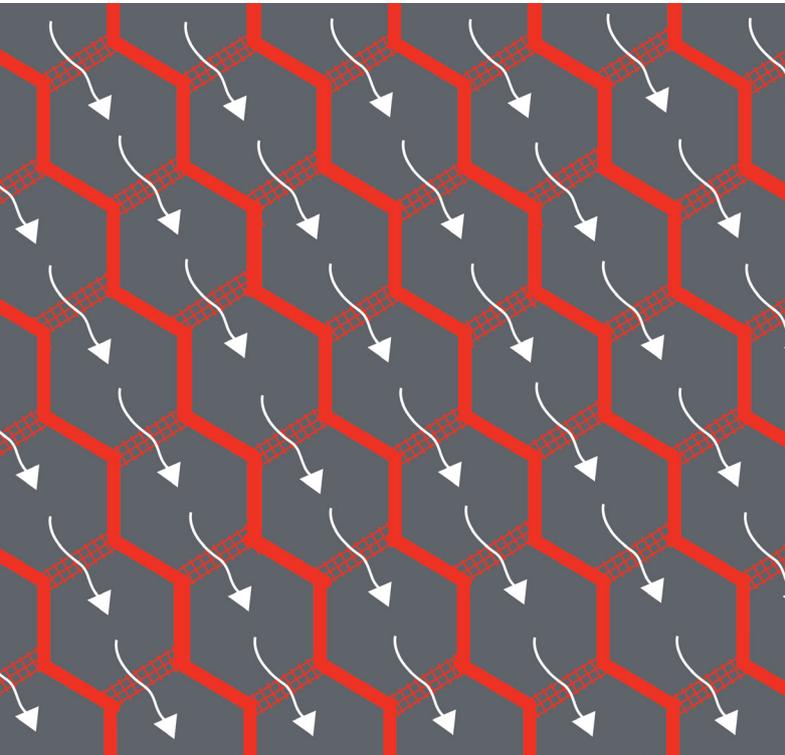
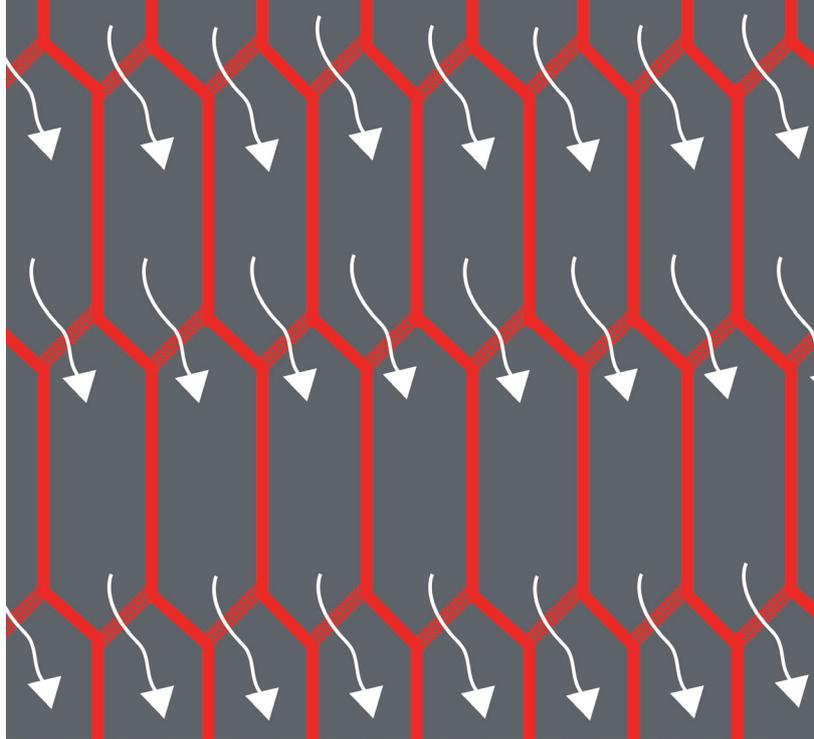
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COMBINATION PRINT 75° (FLUID UV)

The key benefits of our semi-channelled combination engraving (also known as Fluid UV) solid, tone and HD process work and include;

- | | |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Solid & Tone on one plate | Reduced doctor blade vibration due to smooth cell micro-finish |
| HD process print and reduced dot gain | Vibrant colours |
| Minimise ink "spitting" and "pin-holing" | Reduce anilox inventories |
| A semi-channelled engraving enabling controlled ink flow leading to "clean" print | Extend lifespan on wear compared to conventional 60° engravings |



PROCESS & SOLID 60° (FLUID HEX)

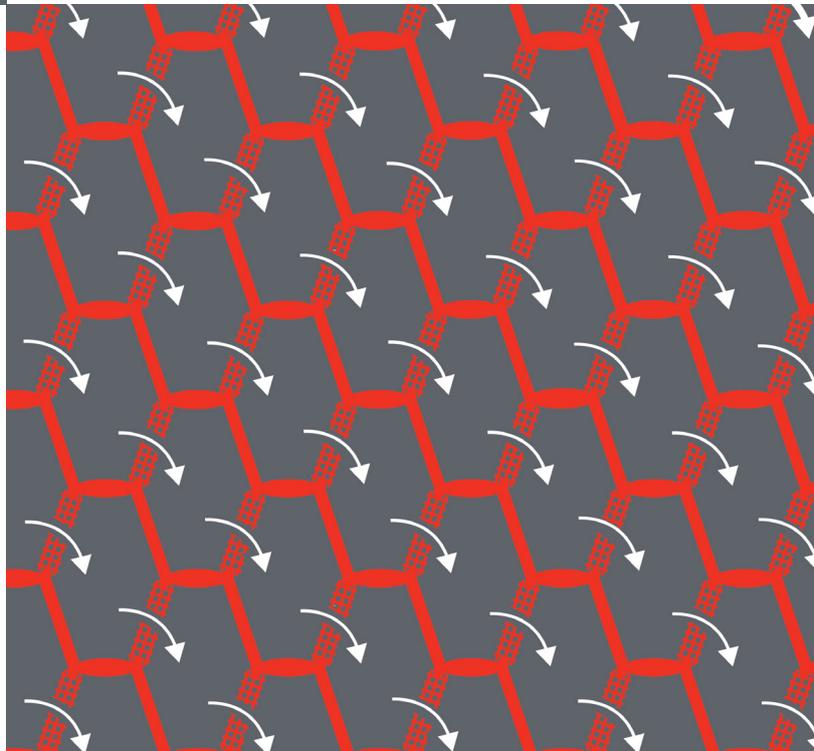
Our semi-channelled 60° engraving (also known as Fluid HEX) is far from conventional. In that it can be used for process and solid work on a broad range of substrates. It's point of difference includes;

- | | |
|--------------------------------------------------|----------------------------------------------------------------|
| "Open" hexagonal cell design encourages ink flow | Improved release characteristics leading to "clean" print |
| Process and tone | Reduced doctor blade vibration due to smooth cell micro-finish |
| Strong solids | Like for like replication of standard 60° specifications |
| Minimise ink "spitting" and "pin-holing" | |

HIGH DEFINITION PROCESS 61° (XPRO)

As High Definition print is becoming the norm in the narrow-web world we have developed an engraving solution for this purpose. A 61° engraving (also known as Xpro) is ideal for both process and vignette print. Used typically with high resolution plates our robust cell peaks and channelled cell walls offer a range of benefits including;

- | | |
|-----------------------------------------------------------|---------------------------------------|
| 61° engraving reduces the risk of moire (or screen clash) | Precision volume control |
| Inter-linking cells deliver HD print quality | Reduced plugging |
| Reduced wear and reduced scoring | Consistent ink transfer at high speed |



TACTILE COATING (GMX)

A patent pending engraving specifically created for tactile coatings (also known as GMX) has been designed to address the challenges when laying down special and heavy coatings including varnish, adhesive and metallic inks. A versatile and unique engraving that is protected under patent pending no. GB1520915.8 delivers the following benefits;

Unique and efficient shallow cell design

Increase coat weights

Reduces cell blocking when using large coating particles

Reduce vibration due to micro-finish cell polish

Easier to clean than conventional engravings

Reduce annual spend on coatings, varnish and lacquers

PATENT PENDING



SERICOL

UVivid

UV Narrow Web Printing Inks

Printed with Sericol UVivid Flexo JD inks from Fujifilm.

The white is printed with UVivid Flexo JD752 Supernova White using an HOW3 anilox from Sandon Global Ltd. (www.sandonglobal.com)

The high opacity colours are printed with UVivid Flexo HOC inks using an HOC2 anilox from Sandon Global Ltd.

The colours are printed with UVivid Flexo JD process colours using a 1200 line per inch anilox from Sandon Global Ltd. Anilox volumes are between 2.3 and 3.7 cm³/m²

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FUJIFILM

HIGH OPACITY WHITE (HOW)

High Opacity White engraving (also known as HOW) was developed in partnership with a plate, ink and tape manufacturer, with the shared aim of delivering a rotary screen alternative opaque white for narrow-web application. Conventional thinking has been replaced with an anilox that gives you total control. We can offer 4 different volume levels to suit the text and solid density required. A summary of the key benefits include;

Screen alternative opaque white without pin-holing

Available in 4 opacity levels

Maintain press speed

Reduces ink reticulation

Eliminates costly screen heads

Improve print efficiency

Easier to clean

HIGH OPACITY COLOUR (HOC)

Our High Opacity Colour engraving (also known as HOC) removes the need for a backing white to achieve dense, opaque and strong colours. Developed in tandem with the High Opacity White engraving it enables printers to lay heavy coat weights to achieve the required opacity across the full colour gamut without reducing press speed. Summary benefits;

Holds fine point text without filling in

Screen quality opaque colour without pin-holing

Reduces ink reticulation

Maintain press speed

Eliminates costly screen heads

Improve print efficiency

Easier to clean than conventional engravings

No backing white required



HOW DOES YOUR ANILOX SYSTEM PERFORM?

Our inhouse engineering department guarantees total control of the quality for both raw materials used, and our advanced manufacturing processes. Monitored by an independent Quality Control Team, protecting the reputation of our brand is essential.

Starting with the base materials we understand the link between material choices and the finished product. To this end we are unique in that we do not outsource the manufacture of any stage of our anilox rolls and cylinders. We strongly believe that it is our responsibility to qualify the accuracy of our products for our customers and take ownership as an anilox specialist. Adding value and passing on true competitive advantage in print quality.

Any rolls sent in for refurbishment are assessed by our trained engineers who determine if repair is necessary or a full and new engraving is necessary. At no extra cost.



In a deadline driven industry our ability to offer our customers flexibility and speed of response has proved invaluable in maintaining the balance of quality and short lead time.

COATING MET LAB

Our well equipped laboratory ensures we maintain total control of porosity levels which are checked at every stage of the process using a scanning electron microscope. The care we take and investment in science means we can confidently offer our customers corrosion free anilox rolls and sleeves and consistent volume control.



ANCILLARY PRODUCTS

Protect your investment with Sandon Global anilox ancillary equipment.

Sandon Global supply an impressive range of ancillary products, supporting with narrow-web printers with reliable cleaning, storage and inspection equipment.

The importance of sustainability in all industries cannot be understated. To this end Sandon Global take time to identify the most efficient and environmentally conscious anilox cleaning solutions. From reducing water wastage to safer cleaning fluids, we guarantee what we supply will meet your organisations sustainability objectives.



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ANI-CHECK INSPECTION

Ani-Check is a fast, simple and accurate tool for measuring anilox volumes. Based on the reading of an electrical magnetic field, Ani-Check allows print operators to quantify the condition of the anilox in their inventory.



PRODUCT INFORMATION:

OVERVIEW

Assessing the condition of your anilox cells is vital to achieving the best possible print results and minimises down time. Volume checking after cleaning is best practice and enables Print Managers to manage their anilox inventory. Ink manufacturers also use the readings to formulate inks and coatings so clean anilox cells and accurate volume readings lead to accurate colour matching and production efficiency.

ADDED VALUE

Sandon Global provide full training and an annual equipment calibration.

KEY FEATURES

MINIMISES PRESS
DOWN TIME

FAST
RESULTS

NO CALCULATIONS
REQUIRED

DIGITAL
READING



ANI-SCOPE INSPECTION

Used in conjunction with the Ani-Check, the Ani-Scope is designed as a simple way to check the condition of anilox engravings.

PRODUCT INFORMATION:

OVERVIEW

The microscope is available with a variety of magnifications. Enabling print managers to quickly ascertain levels of cleanliness, wear and potential damage on the anilox engraving. The Ani-Scope can be linked to a smart phone and capture images efficiently. Anilox refurbishments and cleaning schedules can be planned. Saving valuable press time and maintaining quality standards.

ADDED VALUE

Sandon Global provide full training and an annual equipment calibration.

KEY FEATURES

MAGNETIC BASE FOR EASE OF USE

SMART PHONE COMPATIBLE

CLEANING FLUIDS

We offer a range of cleaning chemicals designed specifically for use with UV and water-based systems.

Housekeeping is an essential part of any operation although often overlooked. The correct application of cleaning chemicals will result in reduced downtime.

Our cleaning products have been classified into simple formulas for easy reference as follows;



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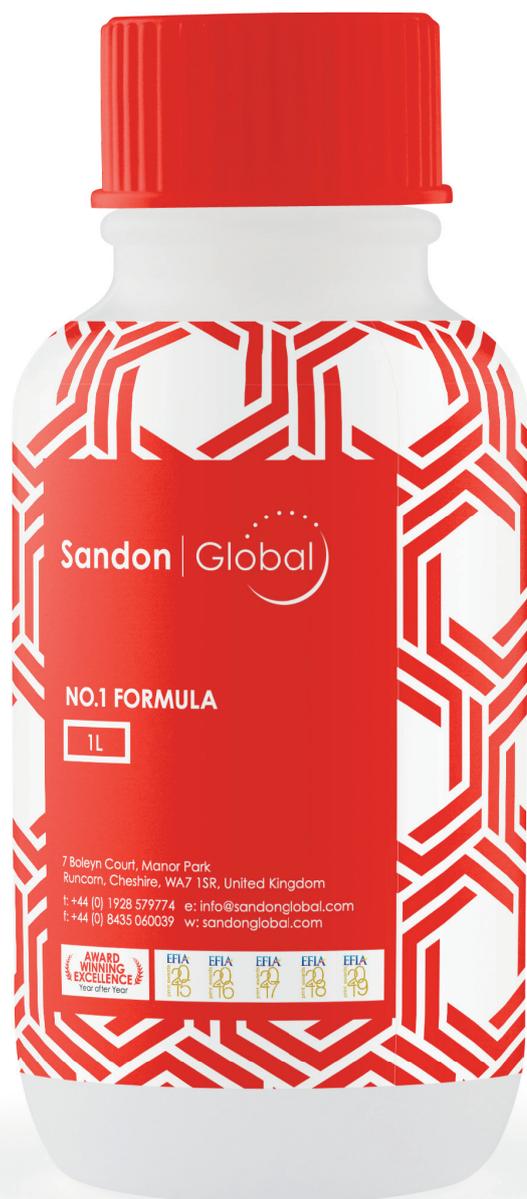


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CLEANING FORMULA 1 & 2

The ultimate cleaning chemical, for an instant clean. This will remove all types of ink and should be used for stubborn ink residue which cannot be removed with other chemicals. This chemical provides an intensive clean and should be used periodically to remove the most persistent dried inks alongside mechanical cleaning systems or softer cleaning fluids.



CLEANING FORMULA 4

Strong, less aggressive cleaning fluids, for all ink types. A good daily cleaning solution or for intensive cleaning between mechanical cleans.

FORUMLA 8 CLEANING

UV inks. This is a very effective and quick working chemical for the removal of printing residues. Formula 8 gives a high percentage clean to the anilox cells and decreases the time usually required for an effective mechanical clean.

EARTH MAGNETS

Protect your anilox with Sandon Global earth magnets. The magnet sits in your ink tray or chamber and collects metal debris such as stranded blade fragments that can score anilox rolls.



PRODUCT INFORMATION:

OVERVIEW

Designed to collect metallic particles they are easy to clean and maintain and fit various ink bucket formats. Printers will understand how particles can cause damage to the anilox engraved surface causing disruptive abrasion and score lines.

ADDED VALUE

Designed to collect metallic particles these magnets are easy to clean and fit various ink tray and chamber formats.

WIRE BRUSHES

We supply stainless steel wire brushes to use during the anilox cleaning process with specific cleaning fluids matched to your ink system.



PRODUCT INFORMATION:

OVERVIEW

Due to the hard-wearing nature of ceramic anilox the wire brush will not damage the cells.

Used in a firm circular motion the wire brushes are supplied in different grades to work with specific anilox engraving solutions.

ADDED VALUE

Sandon Global technical sales team will be happy to advise which grade is best for your anilox.



VOLTEC VOLUME MEASURING

Voltec is an industry recognised measurement system, enabling printers to quantify the precise condition of their anilox inventory.

Incorporates:

- Digital scanner and software
- Micro-pipette
- Tractor blade
- Ink
- Calibration roll

PRODUCT INFORMATION:

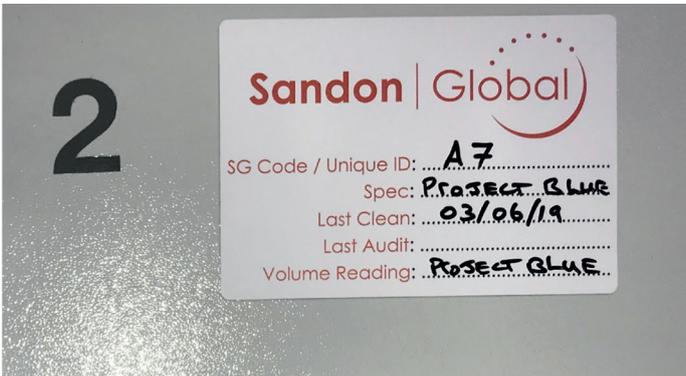
OVERVIEW

The Voltec equipment is a wet ink test that gives an indisputable measurement of volume in cm^3/m^2 . Whether the anilox are dirty or worn, this equipment informs users of the actual volumes their anilox are printing at.

This minimises press down time and gives ink suppliers the necessary information for strengthening inks. The Voltec kit we supply is a robust tool which can withstand the industrial print environment.

ADDED VALUE

Sandon Global include full operator training to ensure that your anilox operatives are completely confident in using the Voltec measuring kit.



MAGNETIC ANILOX IDENTIFICATION

Dry wipe magnetic labels used to identify anilox specifications at a glance.

Placed on the side of a press when in use means press operators can visually link to specific print units.

NARROW WEB ULTRASONIC CLEANER

The latest generation ultrasonic and mechanical cleaning systems for maintaining your anilox inventory and parts are available on request.

OVERVIEW

We supply "Soft Clean" ultrasonic cleaners that provides fast, effective and safe cleaning for your entire inventory. Bespoke designs are available to meet your exact anilox dimensions and anilox inventory. The equipment has a number of features such as cleaning cycles and in-built diagnostics to ensure anilox are cleaned efficiently whilst retaining optimum performance.

KEY FEATURES

SIMPLE AND EASY TO USE

IN-BUILT DIAGNOSTICS TO IDENTIFY PRODUCT ISSUES

TOUCH SCREEN OPERATION

CUSTOMISED CLEANING CYCLES

BESPOKE CLEANING CHEMICALS TO MATCH INK TYPE

CHEMICAL DOSING SYSTEM

ANNUAL SERVICE PROGRAMMES AVAILABLE

FILTRATION SYSTEM

HIGH-QUALITY STAINLESS-STEEL CONSTRUCTION

OPTIONAL PROFESSIONAL CUSTOMER BRANDING

“ We can help you design a system specific to your requirements, contact our technical sales team directly. ”



STORAGE

Our range of versatile anilox storage solutions can be floor mounted, mobile or bench top modular systems. Built to your specification our storage solutions enable you to store all your anilox vertically.

Scalable solutions will fit most print rooms offering protection and easy access to your entire inventory of anilox.

Summary features include:

- Modular
- Custom branding available
- Safe manual handling
- Damage free storage



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SLEEVE COVERS

Protect your anilox rolls with our robust sleeve covers. It is a well-known fact that most anilox damage occurs when moving anilox from the storage system to and from the press.



PRODUCT INFORMATION:

OVERVIEW

We supply a range of sleeve covers to protect the anilox in transition, a hard-wearing fibreglass design are made to survive an industrial environment. The sleeve includes an end ring which protects the anilox where they are most vulnerable whilst in storage. The end rings can be colour coded for easy reference.

KEY FEATURES

REDUCES NEED FOR REFURBISHMENT OR SLEEVE ANILOX REPLACEMENT

PROTECTION OF ANILOX DURING STORAGE

END RINGS FOR PROTECTION OF ANILOX ENDS

STRONG, HARD-WEARING MATERIAL TO PROTECT ANILOX DURING TRANSITION

COLOUR CODED END RINGS FOR EASE OF IDENTIFICATION

ANILOX JACKETS

Designed to protect your conventional anilox when stored. Steel rolls with journals can be covered with made to measure jackets.



PRODUCT INFORMATION:

OVERVIEW

The anilox jackets have a plastic outer and are padded, providing extra protection. For speed of use velcro straps secure the jacket and can be cleaned to ensure ink transfer does not occur. An identification pouch provides print managers with an easy labelling solution for anilox inventory.

ADDED VALUE

Reduce risk of damaging anilox

KEY FEATURES

PROTECTION OF ANILOX DURING TRANSITION

REDUCES REFURBISHMENT /REPLACEMENT COSTS

EASY TO CLEAN | IDENTIFICATION LABEL DURABLE, CLEANABLE MATERIAL

ANIPOD CAROUSEL

The circular design allows for easy access to both sleeve and conventional anilox rolls. Ideally suited to Narrow-Web the Anipod carousel stores up to 12 rolls.

KEY FEATURES

BUILT TO YOUR REQUIREMENTS

PORTABLE

STABLE

ERGONOMIC FOR SAFE MANUAL HANDLING

STORAGE TRAY FOR CLEANING & INSPECTION SUNDRIES



ANISTORE (NARROW WEB)

Either bench or floor mounted our anilox storage enables you to store your anilox vertically and makes anilox incredible accessible.

The linear design allows for easy access to both sleeves and conventional steel anilox rolls.

PRODUCT INFORMATION:

OVERVIEW

The linear design allows for easy access to both sleeve and conventional anilox rolls. Ideally suited to Narrow-Web the Anistore can store as many anilox as space allows.

ADDED VALUE

Bespoke specification to suit your requirements.

KEY FEATURES

PROTECTIVE ANILOX STORAGE

EASE OF USE

IMPROVED EFFICIENCY

MODULAR SYSTEM TO SUIT INVENTORY SIZE

OPTIONAL CUSTOMER BRANDING



TRAINING

Sandon Global has an enviable knowledge bank accumulated over decades of print experience in flexo, gravure, litho and specialist print techniques.

INFORMATION:

OVERVIEW

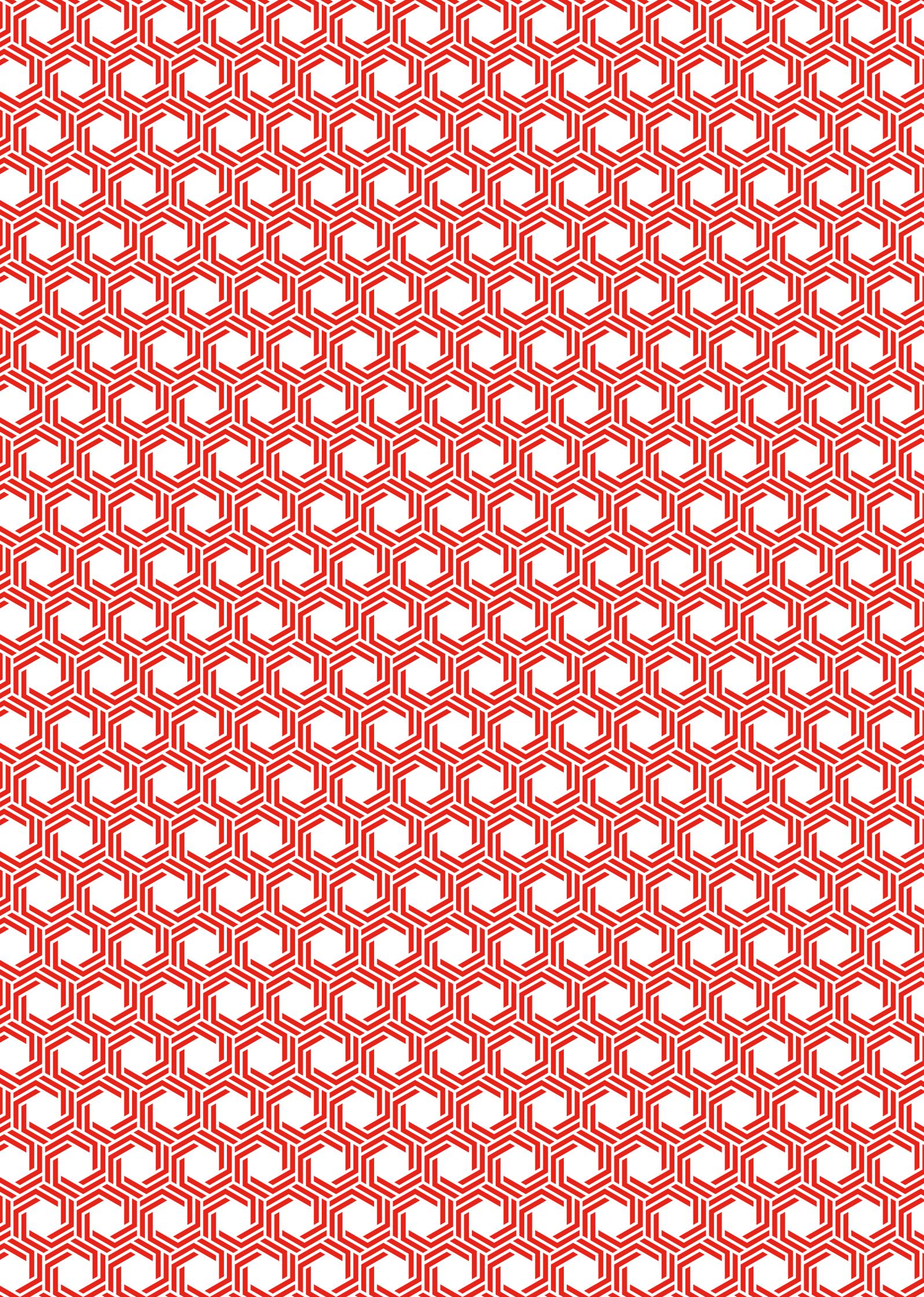
We actively support our customers and print apprentices with dedicated training solutions.

Our commitment to 'Printing Partnerships' is well documented with our involvement in the EFIA Academy through to our bespoke training sessions delivered to customer teams either on site or at our UK Headquarters.

Our tailored service improves overall print knowledge with specifics around the maintenance of anilox inventory, saving money in the long term through best practice techniques.

CONTACT US

To find out more about our training solutions, contact us today on info@sandonglobal.com



CONTACT US

Sandon Global has representatives based in every continent across the world. Please complete our simple enquiry form selecting your location. Alternatively see our nearest agents contact details below.

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