

Sandon | Global



NARROW-WEB



SANDON GLOBAL

An Introduction

Sandon Global is an award-winning manufacturer of rolls and cylinders 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 to monitor the latest related industry topics.

Customers also benefit from our range of ancillary products, including sleeve covers, volume measuring equipment and sleeve storage.

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



TO REQUEST A
QUOTATION
PLEASE EMAIL

marketing@sandonglobal.com



CALL
SANDON GLOBAL
ON

+44 (0)1928 579 774



FOR MORE
INFORMATION
VISIT OUR WEBSITE

sandonglobal.com

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 2017

“ 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. ” **Mike Gore, CCL**

OUR GLOBAL PRESENCE



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

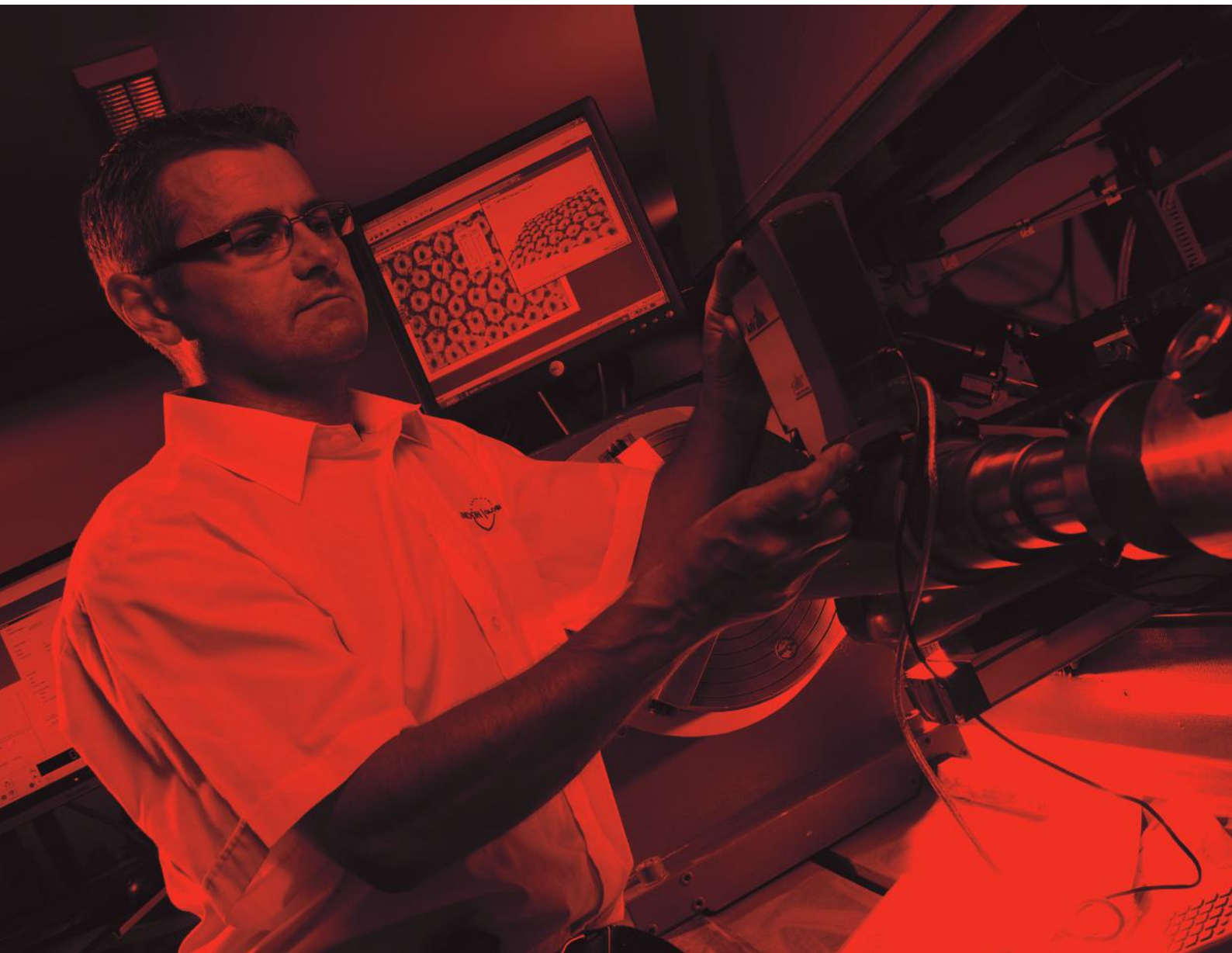
Become the number one anilox supplier of choice

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 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 deliver 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.



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 wide webband narrow 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 used in the flexographic, gravure, lithographic and metal decoration print industries. We have segmented the content of our website into dedicated specialist areas for easy reference.

Our laser engravings have been developed to deliver optimum performance in each of the print techniques supported. Each have a very different requirement and we work closely with both the OEM and the broad but specialist customer base delivering cell designs that perform consistently on solid to line work and process to coatings.

We manufacture and supply both new and refurbished laser engraved anilox and supply ancillary products to the global flexographic print market.

NARROW-WEB



TO REQUEST A
QUOTATION
PLEASE EMAIL

marketing@sandonglobal.com



CALL
SANDON GLOBAL
ON

+44 (0)1928 579 774



FOR MORE
INFORMATION
VISIT OUR WEBSITE

sandonglobal.com

COMBINATION PRINT 75° (FLUID UV)

The key benefits of our combination engraving (also known as Fluid UV) cover both solid and tone work and include;

Solid & Tone on one plate

HD print and reduced dot gain

Minimise "pin-holing" and ink "spitting"

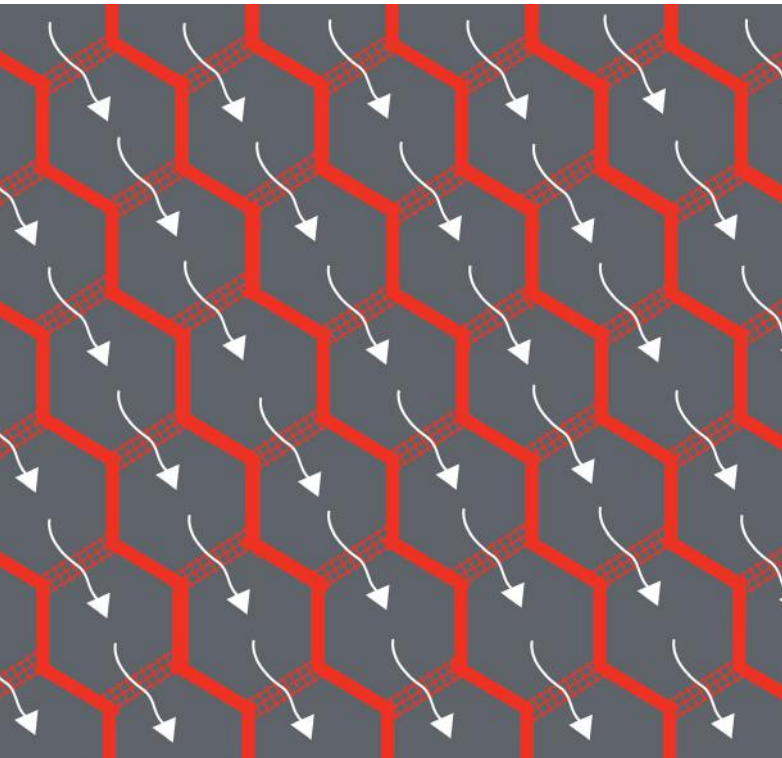
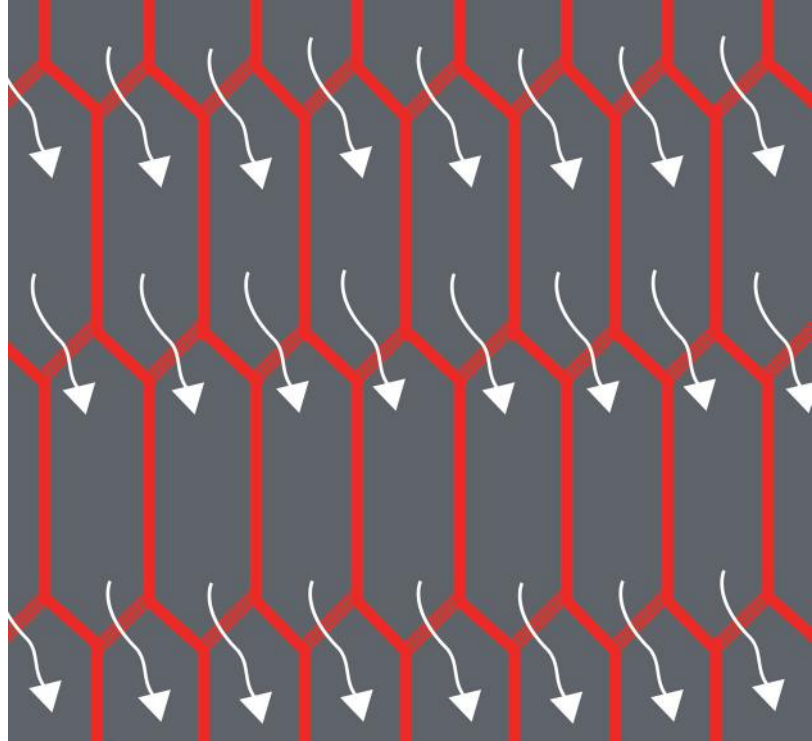
Improved release characteristics leading to "clean" print

Reduced doctor blade vibration due to smooth cell micro-finish

Vibrant colours

Reduce anilox inventories

Extend lifespan on wear compared to conventional 60° engravings



PROCESS & SOLID 60° (FLUID HEX)

Our 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

Multi-functional engraving design

Strong solids

Minimise "pin-holing" and ink "spitting"

Improved release characteristics leading to "clean" print

Reduced doctor blade vibration due to smooth cell micro-finish

Extend lifespan on wear compared to conventional 60° engravings

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)

Inter-linking cells deliver HD print quality

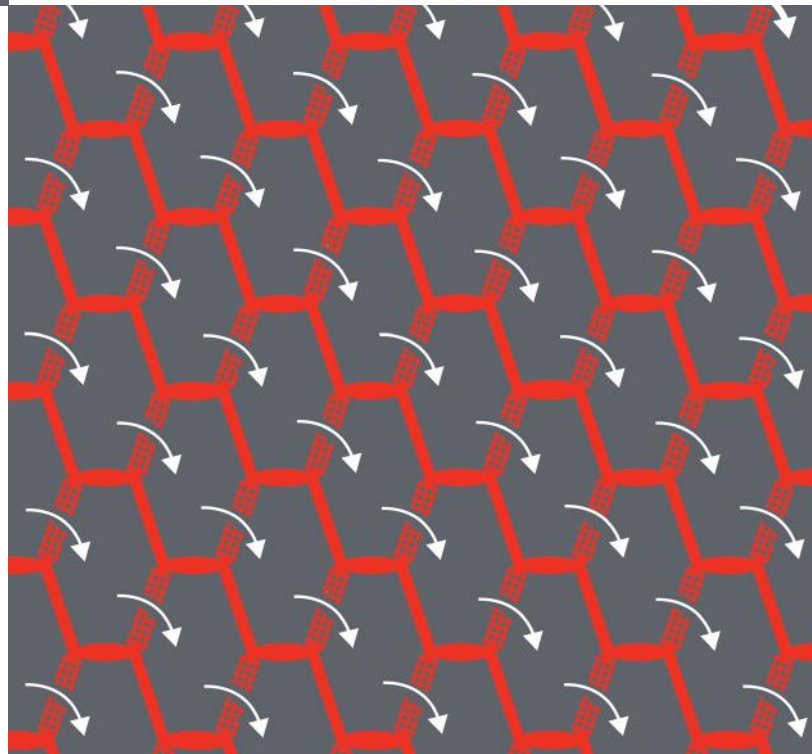
Consistent ink transfer up to 600 mpm

Reducing ink starvation, delivering vivid HD colours

Precision volume control

Reduced plugging

Reduced wear and engraving damage



HEAVY SOLID & COATING (GMX)

A patent pending engraving (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

Easy to clean

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. Supemova 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

FUJIFILM Europe, Graphic Systems Division
Broadstairs Office Pysons Road
Broadstairs Kent CT10 2LE
United Kingdom
T: +44 (0)1843 866668
F: +44 (0)1843 872184

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 quality 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 quality opaque white

Available in 4 opacity levels

Maintain press speed

Eliminates costly screen heads

Improve print efficiency

Easy 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;

Screen quality opaque colour

Overcome flooding, filling-in and pin-holing issues due to efficient ink flow and cell evacuation

Maintain press speed

Eliminates costly screen heads

Improve print efficiency

Easy to clean

No backing white required

SERICOL

UVivid

UV Narrow Web Printing Inks

Printed with Sericol UVivid Flexo JD Inks from Fujifilm.

The white is printed with UVivid Flexo JD752. Supemova 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

Printed by Skanem Cardiff on a Nilpeter FA4 press www.skanem.com

FUJIFILM Europe, Graphic Systems Division
Broadstairs Office Pysons Road
Broadstairs Kent CT10 2LE
United Kingdom
T: +44 (0)1843 866668
F: +44 (0)1843 872184

FUJIFILM

HOW DOES YOUR ANILOX SYSTEM PERFORM?

Our inhouse Metallurgical Laboratory enables our Quality Control and R&D Teams to set and maintain the standards. Delivering consistency and print repeatability is of vital importance to our customers.

Our focus is on Quality Assurance through regular tab sampling and statistical analysis of:

- Porosity levels
- Surface hardness
- Homogeneity levels
- Bond strength
- Cell depth using 3D technology



TO REQUEST A QUOTATION PLEASE EMAIL

marketing@sandonglobal.com



CALL SANDON GLOBAL ON

+44 (0)1928 579 774



FOR MORE INFORMATION VISIT OUR WEBSITE

sandonglobal.com



ANCILLARY PRODUCTS

Protect your investment with Sandon Global anilox ancillary equipment.

Sandon Global supply an impressive range of ancillary products, supporting printers across numerous categories 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.



TO REQUEST A
QUOTATION
PLEASE EMAIL

marketing@sandonglobal.com



CALL
SANDON GLOBAL
ON

+44 (0)1928 579 774



FOR MORE
INFORMATION
VISIT OUR WEBSITE

sandonglobal.com

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 to work with all ink types including solvent, water and UV 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;



TO REQUEST A
QUOTATION
PLEASE EMAIL

marketing@sandonglobal.com



CALL
SANDON GLOBAL
ON

+44 (0)1928 579 774



FOR MORE
INFORMATION
VISIT OUR WEBSITE

sandonglobal.com

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.

XPEL CLEANING

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

INK FILTERS & EARTH MAGNETS

Protect your anilox with Sandon Global ink filters and earth magnets. A fine mesh is combined with a magnet which are accessible in ink buckets or sumps.



PRODUCT INFORMATION:

OVERVIEW

Designed to collect metallic and plastic 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

Sandon Global provide full training.



INTERNAL SLEEVE CLEANING

We supply a helpful product for cleaning the internal diameters of anilox sleeves to avoid them jamming on press due to ink build-up.

PRODUCT INFORMATION:

OVERVIEW

It has been known for press operators to hammer the sleeve off the mandrel to break the seal leaving the anilox susceptible to expensive damage.

This design allows press operators to thoroughly clean the entire internal diameter of the sleeve. With 3 cleaning pads attached to a swivelling shaft connected to a portable battery-operated drill enables excellent cleaning ability with minimal effort.

ADDED VALUE

Sandon Global provide full training and an annual equipment calibration.

SLEEVE COVERS

Protect your anilox rolls with our robust sleeve covers. It is a well-known fact that most of the 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



VOLTEC VOLUME MEASURING

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

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.

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:

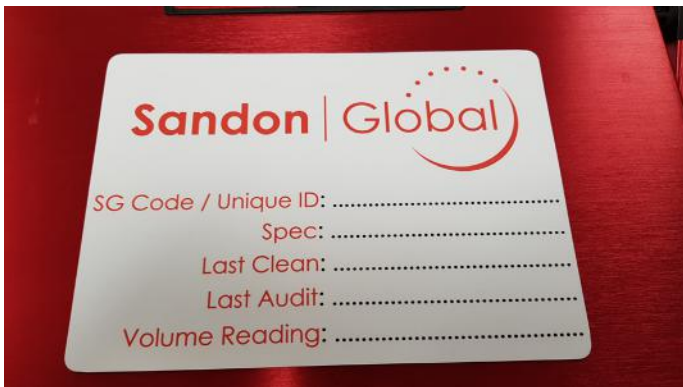
OVERVIEW

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.



MAGNETIC ANILOX IDENTIFICATIONS

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" solution 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 print sleeves vertically.

Scalable solutions will fit most print rooms offering protection and easy access to your entire inventory of sleeves. Vertical storage evenly distributes the weight of the sleeves, reducing the the risk of stress and damage.

Summary features include:

- Modular
- Mechanically driven
- Adjustable shelf heights
- Simple self-assembly
- Capacity to hold up to 600KG per module
- Even weight distribution of sleeves
- Safe manual handling
- Customer branding available



TO REQUEST A
QUOTATION
PLEASE EMAIL

marketing@sandonglobal.com



CALL
SANDON GLOBAL
ON

+44 (0)1928 579 774



FOR MORE
INFORMATION
VISIT OUR WEBSITE

sandonglobal.com

ANILOX JACKETS - STORAGE

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

Sandon Global provide full training.

KEY FEATURES

PROTECTION OF ANILOX DURING TRANSITION

REDUCES REFURBISHMENT /REPLACEMENT COSTS

EASY TO CLEAN | IDENTIFICATION LABEL DURABLE, CLEANABLE MATERIAL



ANIPOD STORAGE CAROUSEL (NARROW WEB)

Our bench mounted anilox storage carousel enables you to store your anilox vertically.

PRODUCT INFORMATION:

OVERVIEW

The circular design allows for easy access to both sleeve and conventional anilox rolls. Ideally suited to Narrow-Web the Anipod carousel stores either 12 or 16 sleeves / rolls.

ADDED VALUE

Sandon Global provide full training and an annual equipment calibration.

KEY FEATURES

PROTECTIVE ANILOX STORAGE

EASE OF USE

IMPROVED EFFICIENCY

SAVES SPACE STORING UP TO 16 ANILOX VERTICALLY

OPTIONAL CUSTOMER BRANDING

ANILOX SLEEVE STATION - STORAGE

Our anilox sleeve station is portable and designed to catch ink and cleaning residue.

KEY FEATURES

BUILT TO YOUR REQUIREMENTS

PORTABLE

STABLE

ERGONOMIC FOR SAFE MANUAL HANDLING

STORAGE TRAY FOR CLEANING & INSPECTION SUNDRIES



ANILOX EXTENSION MANDREL - STORAGE

An essential component when fitting and removing anilox sleeves. Designed to prevent damage of anilox ends when handled.



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 marketing@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.

Headquarters
Sandon Global
7 Boleyn Court
Manor Park
Runcorn
Cheshire
WA7 1SR
United Kingdom



Λιθομηχανική ΕΠΕ
Φλέβας Ρουβικώνος 29, 13122 Ίλιον
Τηλ.: 210 57 57 929
Email: sales@lithomecanica.gr



TO REQUEST A
QUOTATION
PLEASE EMAIL

marketing@sandonglobal.com



CALL
SANDON GLOBAL
ON

+44 (0)1928 579 774



FOR MORE
INFORMATION
VISIT OUR WEBSITE

sandonglobal.com