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Enviroflex

Biodegradable
Cleaning Range



A complete suite of products for cleaning flexo presses, anilox rollers and rotogravure cylinders, flexo plates and flexographic printing facilities



FlintGroup

Enviroflex
biodegradable
cleaning range:
The answer to
all your flexo
cleaning needs!

Enviroflex:

A Complete Flexographic Cleaning System

Keeping your flexographic facility, presses, rollers, cylinders and plates as clean as possible. Delivers not only a welcoming and safe work environment, but also ensures delivery of the highest possible print quality and optimum Overall Equipment Effectiveness (OEE).

Whether you are performing daily maintenance or weekly/monthly deep cleaning, there is a purpose-built Enviroflex cleaning solution for every need.

- Biodegradable
- Reduces cleaning times by up to 40%
- Virtually eliminates the need for soda blasting, saving downtime and costs
- Delivers reliable cell depths on anilox rollers and rotogravure cylinders, reducing the need for ink adjustments and saving on ink consumption
- Environmentally friendly, minimal or no VOCs and balanced pH level.
- Solutions available for use with UV, solvent and aqueous inks

The **Enviroflex** line of press room cleaners is recommended for use as part of a regular cleaning schedule to assist in maintaining and optimizing press performance and print quality.



Enviroflex Overview

The versatile biodegradable Enviroflex cleaning system offers a variety of components to meet every flexographic cleaning need:

Enviroflex Aquawash

A general purpose cleaner for aqueous inks and coatings. Suitable for cleaning ink metering systems, anilox rollers, plates, ancillary cleaning equipment and most press room surfaces.

Enviroflex Solwash

An extremely powerful ink removing solvent for the easy removal of solvent based inks and coatings. Suitable for cleaning ink metering systems, Anilox Rollers and ancillary cleaning equipment.

Enviroflex UV Wash

A low hazard plate and roller cleaner for UV ink removal.

Enviroflex Multiwash

An aqueous based biodegradable multipurpose cleaner suitable for solvent, aqueous and UV inks, for a wide variety of cleaning applications including plates, rollers and ancillary equipment.

Enviroflex Powerclean AL

For stronger cleaning power with additional corrosion protection for aluminium alloys. Suitable for solvent, aqueous and UV inks across a wide variety of cleaning applications.

Enviroflex Plate Cleaner

A powerful, low-swell plate cleaner that removes dried down aqueous, solvent, UV inks and coatings from photopolymer printing plates.

Enviroflex Coatings Cleaner

A superior heavy duty cleaner with strong solvency to effectively remove solvent based lacquers, varnishes, resins and UV based ink systems from anilox rollers, impression cylinders and metering systems.

Enviroflex Anilox Paste

A concentrated non-drip roller cleaning paste for use on and off the machine. Designed to prolong contact with surfaces and facilitate penetrative cleaning of all flexographic inks and coatings from anilox rollers.

Enviroflex Ultrasonic Cleaner

A powerful environmentally friendly low foam detergents, giving maximum cleaning performance in all ultrasonic baths.

Enviroflex Adhesive Cleaner

A powerful, highly effective cleaner for glue systems, removal of solvent based adhesives, lamination and cold seal adhesives.

Enviroflex Pad

A unique cleaning pad for effective removal of ink from anilox rollers, intaglio gravure cylinders and flexographic plates. Also suitable for other heavily soiled areas.



Specialty Washes for Each Ink Type

Whatever the type, we have the cleaning solution for you!

For Aqueous Inks

Enviroflex Aquawash is a highly versatile general-purpose cleaner for aqueous-based inks and coatings ideal for use on most press room surfaces.

It can be pumped or circulated through the entire ink metering systems and dosed directly into automated press wash down systems, ancillary plate wash down systems, bucket wash systems, press room cleaning tanks and automated floor cleaning machines.

Enviroflex Aquawash is recommended for use as part of a daily cleaning schedule to assist in maintaining press performance and print quality. It is low odor, low foam and has low VOC content. An environmentally friendly and biodegradable solution, it is easy to handle and disposed of. Use at 1:9 dilution for general cleaning and flexographic plates.

For Solvent Inks

Dramatically reduce cleaning time with **Enviroflex Solwash**, a blend of extremely powerful ink removing solvents specially formulated for the easy removal of solvent based inks and coatings. It is recommended for use diluted as part of a daily cleaning schedule to assist in maintaining press performance and print quality, or for use undiluted as part of a weekly or monthly deep cleaning schedule and rejuvenation of anilox rollers on or off press.

With a pH of 9, **Enviroflex Solwash** is non-corrosive; it is environmentally compliant and biodegradable. Use on anilox rollers and gravure cylinders to ensure that cells are 100% clean for standardized ink film thickness and the ultimate in print quality.

For UV Inks

Enviroflex UV Wash is a low hazard environmentally friendly and biodegradable plate and roller cleaner.

Enviroflex UV Wash is a low odor product that is easy to apply, removes all debris in one application, and delivers a cleaner work environment. It can also be used to clean UV ink from flexographic plates.



General Purpose Washes for a Cleaner Press Room

An important element of a daily cleaning schedule is **Enviroflex Multiwash**. This concentrated cleaner and degreaser is ideal for a wide variety of press room cleaning applications and are specially formulated with anti-redeposition and soil suspending agents to ensure a bright finish. They are suitable for spray cleaning or with automatic floor scrubbers, have a low VOC content and safe pH level at 10.

Enviroflex Multiwash can be used at 1:2 dilution for heavy cleaning or undiluted for heavily soiled areas. **Enviroflex Multiwash** can be used in a more highly diluted form (1:9) to clean flexographic plates.

For stronger cleaning power with additional corrosion protection for aluminium alloys, use **Enviroflex Powerclean AL**. Suitable for solvent, aqueous and UV inks on a variety of cleaning applications including manual cleaning plates and anilox rollers, automated ink system cleaning or ancillary cleaning equipment.

Heavy Duty Cleaners that Extend Anilox Roller Life

Keeping anilox rollers and intaglio gravure cylinders clean is critical to both extending their life cycle and maintaining cell volumes for the highest quality print.

Enviroflex Coatings Cleaner is a superior heavy-duty specialty coatings cleaner formulated to effectively remove lacquers, varnishes, resins and UV-based ink systems from these components.

Need a drip-free way to clean rollers on or off press? Then try **Enviroflex Anilox Paste**, a concentrated non-drip roller cleaning paste that prolongs contact with surfaces and facilitates penetrative cleaning of anilox rollers. It is specifically designed with a viscous, non-drip formula to prolong contact with surfaces and facilitate penetrative cleaning of all flexographic inks and coatings from anilox rollers.

Both have a safe pH level and are versatile products for roller and press cleaning applications. Choose the one that best meets your needs, or use them both as part of your daily, weekly or monthly cleaning process.



Cleaning Beyond the Press

Many flexo printing operations use ultrasonic cleaning devices to quickly and thoroughly clean various components. These cleaning devices do a great job, but the last thing you want is for foamy detergent additives to boil over and create another cleaning challenge. That's why we recommend **Enviroflex Ultrasonic Cleaner**, a low-foam detergent blend ultrasonic bath additive.

It is formulated using powerful, environmentally friendly and biodegradable detergents and low foam surfactant cleaners to give maximum cleaning performance in all ultrasonic baths. It is effective in the removal of aqueous, solvent and UV based inks and coatings.

Another cleaning challenge is maintaining gluing systems in perfect working order.

Enviroflex Adhesive Cleaner helps meet that challenge. This universal cleaner for solvent-based adhesives and residues is recommended for use as part of a weekly cleaning schedule to keep those gluing systems up to the highest possible performance levels.

Finally, for any maintenance job, using the right tool is critical.

The same is true for cleaning. Regardless of which solution or solutions you employ in your cleaning efforts, using the **Enviroflex Pad** will ensure effective removal of solvent, water and UV based inks and coatings.

Each fiber strand in this unique double-sided cleaning pad efficiently penetrates an individual anilox roller cell without damaging the roller. Pads are super-absorbent to help retain solution during cleaning and are suitable for cleaning heavily soiled areas such as press frames, trays and rollers as well as flexographic printing plates.

Protect the environment and employees. Make Enviroflex your chosen biodegradable cleaning solution.



Enviroflex

Biodegradable Cleaning Range

Contact the Flint Group team today:

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Disclaimer: All ingredients used in the Enviroflex range of products under the Varn® trademark, are readily biodegradable as defined by OECD 301 tests. The aim of our technical documents is to inform and advise our customers. The information provided herein is correct to the best of Flint Group's knowledge. No liability for any errors, facts or opinions is accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted. Product names followed by ® are trademarks registered by Flint Group (represented by Flint Group Packaging Inks North America Holding LLC, Day International, Inc. Varn International Inc. or Flint Group Germany GmbH)