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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**



 **Flint** Group
Packaging Solutions



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 Anilox System Cleaner

A deep cleaner for aqueous inks. Suitable for cleaning anilox cells, chambers, pumps and rollers.

Enviroflex Anilox Roller Cleaner

A deep cleaner for aqueous coatings and flexo inks. Immediately begins cutting and lifting ink and coating build in the anilox cells.

Enviroflex Deep Cleaning System

An efficient, low pH deep cleaning system which helps flexographic printers increase.

Enviroflex Daily Cleaning System

A versatile low pH, daily anilox roller cleaner for aqueous coatings and flexo inks. Improves quality and increases up-time.

Enviroflex Cell Renew

A concentrated, foam action roller cleaner which facilitates penetrative cleaning for anilox rollers for aqueous flexographic inks and coatings.

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 formulated for OEM cylinder 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 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

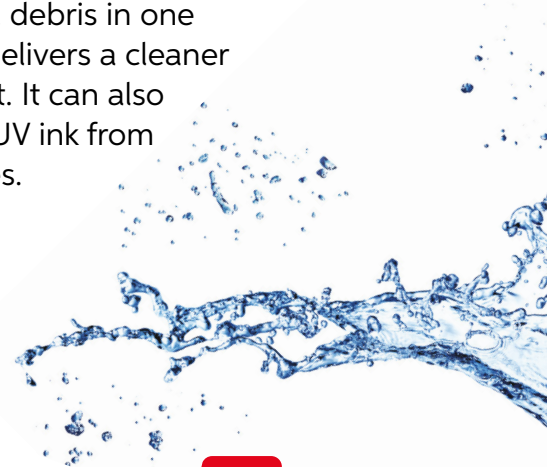
Dramatically reduce cleaning time with **Enviroflex Solvash**, a blend of extremely powerful ink removing solvents specially formulated for the easy removal of solvent based inks and coatings. It is recommended for use diluted as part of a daily cleaning schedule to assist in maintaining press performance 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.

Enviroflex Solvash is specially formulated for OEM cylinder cleaning equipment.

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.





Daily and Deep Cleaning Systems

An important element of a daily cleaning schedule is **Enviroflex Daily Cleaning System**. This very efficient, low 10.7 pH, versatile anilox roller cleaner reduces the need for ink adjustments.

For a deep clean use **Enviroflex Deep Cleaning System**. Virtually eliminates the need for soda blasting, and improves print quality, production and consistency.

Both **Enviroflex Daily Cleaning System** and **Enviroflex Deep Cleaning System** are formulated with unique anti-corrosion additives and can reduce cleaning times by up to 40%.

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.

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.

Need a drip-free way to clean rollers on or off press? Then try **Enviroflex Cell Renew**, 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.

Cleaning Beyond the Press

Enviroflex Anilox Systems Cleaner cleans aqueous based inks from anilox cells by cutting and lifting built up ink from cell depths. Additionally, with consistent use prevents build up and cleans chambers, hoses, and pumps, improving color and gloss consistency.

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.

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Biodegradable Cleaning Range

Contact the Flint Group Packaging Solutions 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)