



...coldset  
product guide...



# Varn

## Solutions to your press room problems...

For more than fifty years, we have earned the pressman's trust by providing quality products, designed for safety in use and protection to the environment. A continuous research and development programme linked with Varn's technical support will ensure our position remains as No.1 in press room products.

**Can we rest now?**

**Not if we want to keep your trust.**



## Varn Coldset Founts...

FOGRA APPROVED

<b>Journal Fount</b> Fount solution for high speed coldset web newspaper presses available in a range of formulations for various applications:  Journal Fount S, Journal Fount M-K, Journal Fount SEW, Journal Fount SEWD.	Key to Journal Fount coding system is as follows:  S Universal Dampening and Spray Dampening M Universal Dampening - OEM approval - MAN Roland K Universal Dampening - OEM approval - KB S-E-W Extra wetter S-E-W-D Extra wetter with dynamic action 250 For water with alkalinity above 250 ppm calcium carbonate	★
<b>NEW! Media Fount</b>	A new range of superior coldset founts featuring a revolutionary formulation, providing 'clean label' status with no hazardous classification - giving unrivalled environmental benefits to the newspaper industry. Media Fount also features state of the art technology to provide greater stability at high temperatures and high speeds allowing for even faster start-ups.	★
<b>Uniset Fount</b>	A non-foaming fount solution specifically formulated for turbo dampening systems and is compatible with cold-set inks.	★

## Varn Coldset Washes...

		PLATE SAFE	AIII PRODUCT	LOW ODOUR	MANUAL
<b>News wash</b>	Non-corrosive wash formulated for web offset newspaper presses.	★	★	★	★
<b>News wash Plus</b>	Low odour, non-corrosive wash formulated for web offset newspaper presses.	★	★	★	★
<b>Non-VOC News wash</b>	Wash containing no V.O.C.s formulated for web offset newspaper presses.	★	★	★	★
<b>News 60 Wash</b>	Non-aromatic economy wash.	★	★	★	★
<b>News 100 Wash</b>	Non-V.O.C. economy wash.	★	★	★	★

## Varn Coldset Cleaners & Rejuvenators...

<b>Calcium Deglazer</b>	Glaze remover for all markets - subject to calcium build-up, especially in hard water areas.
<b>Complete</b>	Biodegradable plate cleaner and finisher for use in all offset printing.
<b>Film Cleaner</b>	Non-streaking, fast drying pre-stored film cleaner, safe on any film.
<b>Fountclean</b>	Non-foaming dampening systems cleaner, eliminates bacteria. Use in conjunction with Varn Super Soakers and Bacteria Inhibitor.
<b>Glass Cleaner</b>	Safe, non-abrasive antistatic cleaner for pre-press area and plate room.
<b>MRC</b>	Powerful degreaser ideal for bareback dampeners and where fast evaporation is required.
<b>Penetration +</b>	Cleans and restores rollers and blankets, and will improve print quality, and add life to blankets.
<b>Plate Plus</b>	Heavy duty biodegradable plate cleaner for all lithographic pressrooms.
<b>Pro-Kleen</b>	Highly concentrated cleaner/degreaser formulated for a variety of pressroom applications.
<b>Revitol</b>	Concentrated liquid glaze remover for all press roller and blanket applications.
<b>S. R. R.</b>	General deglazer and hard dried ink remover for use on all rubber blankets and rollers.
<b>Take It Off</b>	Deglazing and conditioning gel for all press roller and blanket applications.
<b>True Blue</b>	Plate cleaner removes semi-dry ink, gum streaks and surface scratches in all lithographic pressrooms.

For a full technical product information leaflet on any Varn product, or any other Day International products, e-mail us at [salesuk@day-intl.com](mailto:salesuk@day-intl.com) or visit us at [www.dayintl.com](http://www.dayintl.com)

## Varn Coldset Specialities...

<b>Aqua Conditioner</b>	Hardening agent for fully desalinated water.
<b>Blue Shield</b>	Barrier cream hand protection for use in all areas of the pressroom and printing industry in general.
<b>Blue Velvet Hand Cleaner</b>	Premium hand cleaner for use in all areas of the pressroom and printing industry in general.
<b>Defoamer</b>	Eliminates foam from the dampening system.
<b>Doser 1 (DI 150/1-5%)</b>	Suitable for fount solutions.
<b>Drum Opener</b>	Effective opener for 200 litre metal drums.
<b>Gum Arabic Solution 14° Baume (100% Pure)</b>	For use in the general printing industry; suitable for long and short term plate protection and as a fount additive.
<b>Ink Readi</b>	Anti-oxidant to prevent ink skinning for use in all offset printing applications.
<b>Matchless Pumps</b>	Manual pump for 200 litre poly drums.
<b>Orange Scrub</b>	All natural ingredients hand cleaner for all areas of the pressroom and printing industry in general.
<b>Petrol Pump Dispenser</b>	Standard type petrol pump dispenser providing an accurate and extremely safe method of decanting.
<b>pH &amp; Conductivity Meter</b>	For effective control of fountain solution dosage.
<b>pH Sticks</b>	Litmus paper for accurate reading of pH of fount solutions.
<b>Roller Lube</b>	Roller lubricator suitable for all types of press - heatset, sheetfed and cold-set.
<b>Silicone Spray</b>	Forms a slippery, long lasting silicone layer that repels water, ink, grease, rust and glue, providing corrosion resistant film.
<b>Sterilising Solution</b>	System cleaner that provides excellent cleaning and prevention of build-up within the system.
<b>Super Solvent Soakers</b>	Used in all recirculation type dampening systems to remove solvents and oils from fount system.
<b>Varn Automatic Dosing System</b>	Accurate, economical mixing of solvents and detergents.
<b>Wash Up Bottle</b>	1 litre wash up bottle for decanting roller wash.

## Varn Products Committed to Quality...

Day spend considerable time and resources developing products that are safe, effective and which produce consistent results. Ultimately however, the success with which a fountain solution functions depends on a number of factors, including the skill and experience of the printer and the condition/cleanliness of the re-circulating system.

With this in mind, we would recommend the following maintenance procedure:

## Varn Fount Recirculation System Cleaning Procedure...

During the course of daily production, the fount system will pick up detrimental elements such as debris and micro-biological organisms from paper, water and airborne sources. Day endeavour to build into their founts, the best in preservative and anti-corrosion technology to protect your press and its operatives and to ensure the products long term effectiveness. To ensure your Varn fount and dampening recirculation systems work at their optimum efficiency it is necessary to conduct good housekeeping by building into your production schedule a monthly chemical cleaning procedure.

- 1 Drain fount system and wipe tank clean of ink or microbiological debris.
- 2 Fill tank with the appropriate mixture of Varn Fountclean Concentrate (variable dilution rates are from 4 to 1 for badly contaminated systems; down to 20 to 1 for general cleaning).
- 3 Pump around system for as long as possible (minimum of 2 hours).
- 4 Drain down system and refill with water; pump around system for half an hour to remove Fountclean.
- 5 Drain down system and refill with water, adding fount concentrate to neutralise any remaining Fountclean; pump around system for half an hour.
- 6 Drain down and refill with the correct dosage of fount concentrate, checking that the standard pH and conductivity have been re-established.

Day's Maintenance Products Include: Varn Fountclean; Varn Sterilising Solution & Varn Super Solvent Soakers.



Day recognise the ever-increasing demands of today's Coldset market. As such a team of dedicated chemists meticulously evaluate the latest raw materials and manufacturing techniques in an ongoing research and development programme. This ensures that only the highest quality products are available to our customers.

Quality is second nature to Day and attention to detail is of paramount importance. All raw materials are rigorously quality inspected to exacting standards before the manufacturing process begins. The same high standards are adhered to throughout the manufacturing process and only when all criteria are met is the product released. All Day quality control procedures conform to **ISO 9002**.

As a manufacturer of speciality chemical products, we recognise that many of Day's processes and procedures have the potential to provide an environmental impact. Protection and enhancement of the environment has always been of paramount importance to Day. With the introduction of **ISO 14000**, Day have now put in place the structure to continually assess and improve our commitment to environmental issues.

Day use only the latest manufacturing techniques to produce the highest quality product available. This ensures product stability, consistency and the highest possible performance on press.

Day's dedicated Technical Sales Team fully understand Chemistry applications and the various control systems used on press. They are committed to working with our customers to ensure the correct choice and application of the Varn range of Chemicals to combine performance and economy.



## FOGRA

Is an internationally recognised Graphic Technology research association providing the industry with a range of services, including product testing, consultation and information. Day are proud to announce that we have over 90 products approved by FOGRA on behalf of all leading Press Manufacturers.

# Day printing blankets & sleeves...

## Defining excellence...

dayGraphica Image Transfer Products are widely recognised leaders in lithographic printing around the world. This product group includes offset printing blankets and sleeves. For over half a century, dayGraphica blankets introduced product improvements such as strengthened carcass designs, unique compressibility, enhanced ink transfer and special design innovations like the dayGraphica t8897 tubular printing blanket. New forms of Day International Image Transfer Products are continually developed through a pro-active collaboration with leading Original Equipment Manufacturers.

No two printers are alike, whether they are web or sheetfed. Day International recognises this and that is why the dayGraphica line offers a wide variety of blankets designed to make every printer run at its peak. This technology base, coupled with Varn's pressroom expertise, means we can now provide printers with an unmatched line of transfer media and pressroom chemical products. More than that, Day have now developed blankets, sleeves and pressroom chemicals that work in harmony to deliver superior on-press performance, quality and value.

### dayGraphica blankets...

#### dayGraphica 8897

A quality blanket specially designed for Newspaper printing. Day International have been carrying out extensive field trials with a re-designed fabric and have now developed the optimum carcass construction for stability, long life and high print quality on newspaper presses. Readers demand headlines that are crisp; with heavy ink coverage; the dayGraphica 8897 delivers!

#### dayGraphica 8899

A no pack blanket designed to achieve positive feed characteristics and help maintain consistent web tension on tower and satellite configured presses. Offers excellent abrasion resistance and gives maximum smash resistance, which is a key factor in blanket durability.

### dayGraphica sleeves...

#### dayGraphica t8897

Day is the leader in providing sleeves to Heidelberg Sunday press technology. Add to that our proven experience with conventional newspaper blankets and you've got the world's first gapless sleeve made exclusively for the Heidelberg mainstream 80.

### dayGraphica Minigap...

#### dayGraphica RM70

The RM70 Blanket is precision engineered and designed to reduce the non-image areas of the blanket cylinder, allowing paper usage to be kept to a minimum.



DuraZone Technology, which produces a superior compressible layer in the printing blanket, is being heralded by product experts and printers alike as the product development that could change the entire printing blanket category. This technology greatly increases blanket durability and longevity without compromising print quality. In some situations, the print quality is actually improved.

#### DuraZone 5000

Durability. That's the mission for the dayGraphica 5000 blanket from Day International. Built on DuraZone compressible layer technology, the 5000 absorbs and minimizes damage from web breaks and smashes.

#### DuraZone 5500

Directory and insert web printing is extremely demanding on an offset blanket. The dayGraphica 5500 holds gauge to maintain print pressure, resists piling and gives the face toughness needed to keep the presses running.



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## Optimise Your On-Press Performance

Over the years, Day's printing technologists and pressroom chemists have learned the dynamics between pressroom chemicals and printing blankets play a vital role in on-press performance and profitability. And they've learned how to analyse these dynamics to help printers resolve problems and optimise their printing results.

Day's laboratory experts, technical support team and sales consultants work together with printers to recommend the right combination of pressroom chemicals and printing blankets to achieve optimum performance. A consultative service offered only by Day International.

