



...heatset
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 Day'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 Heatset Founts...

		FOGRA APPROVED	OEM APPROVED	CIP COMPLIANT	<10 m/s.	>10 m/s.	ALCOHOL FREE	DOSAGE
AF Web Fount	Fount solution for presses with direct or brush dampening systems.			★ BAKED	★		★	2-4%
AF Superspeed	Fount solution incorporating dynamic surface tension properties to give greater latitude on press.	★	★	★ BAKED		★	★	2-4%
HS Pro-Fount 250	Utilises state of the art technology to provide rapid wetting and stable ink/water balance. Exceptional performance on presses with integrated damping.			★ BAKED		★	★	2-4%
Sunday Fount	Specifically formulated to meet the demands of Heidelberg Harris Sunday presses. Utilises dynamic surface tension properties to give greater latitude. Damping system runs exceptionally clean.			★ BAKED		★	★	2-4%
Uniset Fount	A non-foaming fount solution specifically formulated for turbo dampening systems and is compatible with heatset inks.	★	★	★ BAKED		★	★	2-4%
HSF 8603	A rapid wetting fount solution for integrated damping systems that ensures a consistent level of control at all press speeds.			★ BAKED		★	★	2-4%
HSF 8721	Formulated for high speed presses, improved water feed characteristics ensure clean running with minimal ink feedback.			★ BAKED		★	★	2-4%

All founts are available in a version to suit hard/alkaline waters of more than 250 ppm calcium carbonate and/or 15°dh hardness.

Varn Heatset Washes...

		FOGRA APPROVED	OEM APPROVED	PLATE SAFE	AIII PRODUCT	AUTOMATIC	MANUAL
Natural Wash	The industry leader in AIII automatic blankets and roller washes. Approved by both Baldwin and oxy-dry. Proven to improve web release and reduce paper waste. Compatible with Day International blankets. Meets health and safety executive solvent substitution scheme.	★	★	★	★	★	
Automatic Wash	An AIII approved automatic blanket and roller wash, compatible with most systems.		★			★	
EC Wash	An economical, manually applied, water miscible blanket and roller wash.						★
Non-VOC Wash	Has no VOC content eliminating vapour emissions during application. Conforms to UK health & safety executive solvent substitution scheme.		★	★	★	★	★

Varn Heatset Cleaners & Rejuvenators...

Calcium Deglazer	Specific calcium deglazer for removing calcium deposits from rollers and blankets specifically in hard water areas.
Complete	Biodegradable plate cleaner and finisher for use in all offset printing.
Fountclean	Non foaming dampening systems cleaner, eliminates bacteria. Use in conjunction with Varn super soakers.
M.R.C.	Powerful degreaser ideal for bareback dampeners and where fast evaporation is required.
Penetration+	Cleans and restores rollers and blankets, and will improve print quality, and add life to blankets. Can use on press.
Plate Plus	Heavy duty biodegradable plate cleaner for all lithographic pressrooms.
Pro-Kleen	Highly concentrated cleaner/degreaser formulated for a variety of pressroom applications.
Revitol	Concentrated liquid glaze remover for all press roller and blanket applications.
S.R.R.	General deglazer and hard dried ink remover for use on all rubber blankets and rollers.
Take It Off	Deglazing and conditioning gel for all press roller and blanket applications.
True Blue	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 or visit us at www.dayintl.com

Varn Heatset Specialities...

Aqua Conditioner	Hardening agent for fully desalinated water.
Aqua Plus	Additive for use in the water tanks of automatic blanket and roller washing devices.
Antistatic Solution	Formulated to reduce static on high speed web offset presses.
Blue Shield	Barrier cream hand protection for use in all areas of the pressroom and printing industry in general.
Blue Velvet Hand Cleaner	Premium hand cleaner for use in all areas of the pressroom and printing industry in general.
Defoamer	Eliminates foam from the dampening system.
Easy Start	Reduces blanket tack after enforced stoppages therefore aiding substrate release on start up.
Gum Arabic Solution 14° Baume (100% Pure)	For use in the general printing industry suitable for long and short term plate protection and as a fountain additive.
Ink Readi	Anti-oxidant to prevent ink skinning for use in all offset printing applications.
Orange Scrub	All natural ingredients hand cleaner for all areas of the pressroom and printing industry in general.
Permanent Blanket Repair	Repairs smashes permanently and restores original gauge on all offset rubber blankets.
Roller Lube	Roller lubricator suitable for all types of press - heatset, sheetfed and coldset.
Silicone Spray	Forms a slippery, long lasting silicone layer that repels water, ink, grease, rust and glue providing corrosion resistant film.
Sterilising Solution	System cleaner that provides excellent cleaning and prevention of build up within the system. Cleans the system as the press runs.
Pure Web	Pure web is the complete water treatment system for single or multi-press installations. The combination of pure water, a synthetic hardening agent and the precise addition of fountain solution ensures a consistent and high quality, press-ready supply.
Doser 1 (DI 150/1-5%)	Suitable for fountain solutions.
Doser 2 (DI 210/2-10%)	Suitable for Silicone emulsion.
Doser 3 (D 200 RE/0.2-2%)	Suitable for Varn Aqua conditioner.
Petrol Pump Dispenser	Standard type petrol pump dispenser providing an accurate and extremely safe method of decanting.
pH & Conductivity Meter	For effective control of fountain solution dosage.
pH Sticks	Litmus paper for accurate reading of pH of fountain solutions.
Drum opener	Effective opener for 200 litre metal drums.
Matchless Pumps	Manual pump for 200 litre poly drums.
Pail Pumps	Manual pump for 25 litre poly pails.
Wash Up Bottle	1 litre wash up bottle for decanting roller wash.

Why choose Varn Silicone?...

- Varn's advanced manufacturing capabilities and quality control procedures ensure the highest possible level of consistency, uniformity and stability.
- Varn's commitment to excellence with its investment in state-of-the-art production facilities in Irlam, Greater Manchester.
- OEM approvals from Weko, Pfiefer and Dosatron.

Varn Silicone Range...

	SOLID CONTENT %	RECOMMENDED DOSAGE	BASE MATERIAL	WAX %	UV VARNISH	VISCOSITY CPS	CORROSION TEST	ANTI STATIC
FBS 2500	25%	3-10%	Silicone	Nil	No	<100	Pass	Yes
FBS 3500	35%	3-10%	Silicone	Nil	No	<100	Pass	Yes
FBS 6500	55%	2-5%	Silicone	Nil	Yes	<100	Pass	Yes
Pro-Web Silver	18%	5-10%	Silicone	Yes	No	<800	Pass	Yes
Pro-Web Gold	26%	4-7%	Silicone	Yes	No	<800	Pass	Yes
Pro-Web Platinum	35%	3-5%	Silicone	Yes	No	<800	Pass	Yes
Pro-web Antistat	35%	4-7%	Silicone	Nil	No	<800	Pass	High Strength
Supergloss 5000	55%	3-5%	Synthetic Lubricant	Nil	Yes	<800	Pass	Yes



Day recognise the ever increasing demands of today's Heatset 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 Varn. 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 the pressroom environment application 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 products 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, Day International have introduced product improvements such as strengthened carcass designs, unique compressibility, enhanced ink transfer, and special design innovations like the t3000 tubular printing blanket. New forms of Day International Image Transfer Products are continually developed through a proactive 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 help every press run at its peak performance. 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 has now developed blankets, sleeves and pressroom chemicals that work in harmony to deliver superior on-press performance, quality and value.

dayGraphica blankets...

dayGraphica 3612

The dayGraphica 3612 is one of the most durable, flexible and versatile blankets from Day International. The dayGraphica 3612 handles a broad range of printing job requirements and keeps going... while running on your most modern to your most vintage presses.

dayGraphica 4500

Specially designed, engineered and manufactured for long life on modern, high speed web presses. Newly designed carcass construction for minimal gauge loss over long use cycles. Unsurpassed ability to print to the gap.

dayGraphica sleeves...

dayGraphica t3000

A high performance tubular printing sleeve featuring a quick-release surface and the patented compressible layer found in all dayGraphica compressible printing blankets. Day Internationals' uncompromising commitment to improved performance has made today's t3000 sleeve the world wide sales leader.

dayGraphica Minigap...

dayGraphica QC 3000

The QC 3000 blanket is precision engineered for use on presses designed to reduce the non printing gap of the blanket cylinder, allowing paper savings to be maximised.



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.



Balgray Street, Dundee, DD3 8HN, Scotland.
Tel: +44 (0) 1382 833300 Fax: +44 (0) 1382 819051 Email: salesuk@day-intl.com

Varn House, Northbank Industrial Park, Irlam, Greater Manchester, M44 5BL, England.
Tel: +44 (0) 161 775 5412 Fax: +44 (0) 161 775 5415 Email: salesuk@day-intl.com

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.

