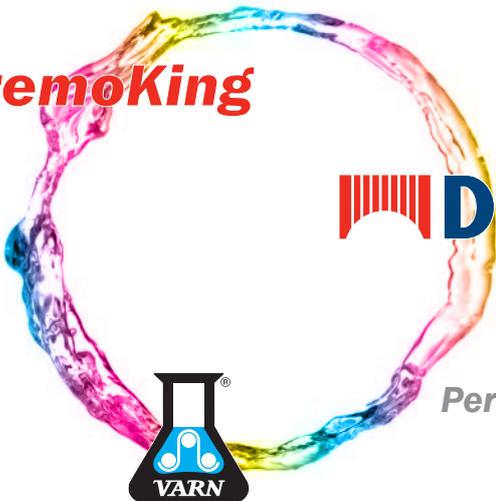


***Rely on us.***<sup>SM</sup>

# Trusted Brands - Perfect Synergy Products for Heatset Web Printers

***PremoKing***



**DAY**



*Perfect Synergy*

***Flint***Group

# Products and support to meet the demands of web offset printing



Today's web offset printer faces more challenges than ever before; increased pressure to do more with less resources, hold down costs, improve quality and produce publications to meet time critical deadlines. To successfully control these challenges and create a competitive advantage, the printer must carefully select the right products and people to partner with.

Flint Group are a leading global manufacturer of high-quality web offset inks, blankets, sleeves, fountain solutions, pressroom washes, silicones and sundry chemicals. In most of our production locations, the entire process chain from raw material to the finished product is housed under one roof, allowing us to maintain stringent quality and process controls, whilst optimising our own cost base.

No other company offers a greater choice of solutions or manufactured product range to the web offset printing industry. This makes us unique, and with hundreds of years of experience in working with customers who expect us to enhance their performance, you can be sure that we always have the complete product portfolio to deliver optimum results.

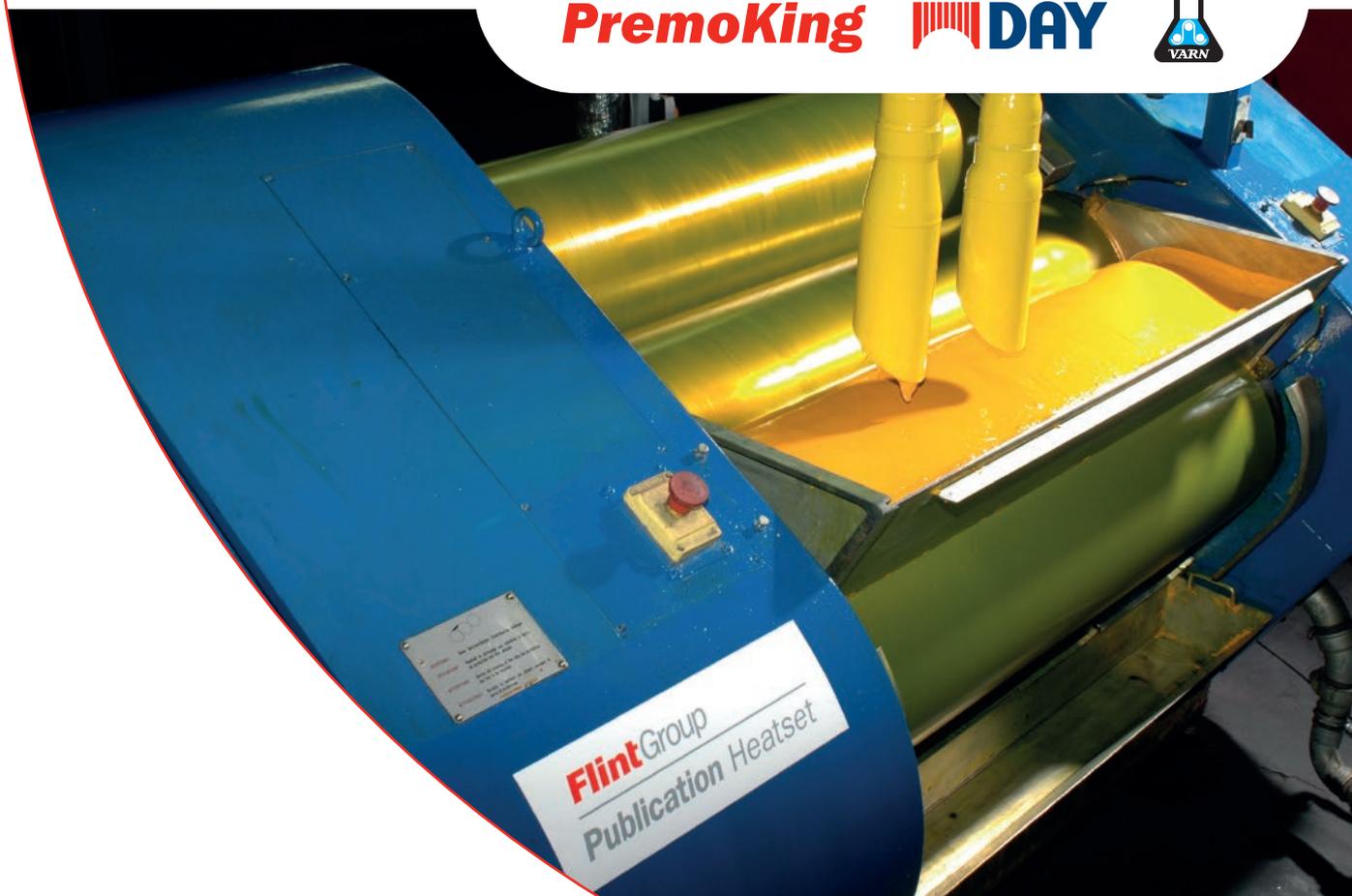
Working together, our products and technical specialists deliver solutions that translate into the competitive advantage needed in today's tough business environment. Supported by development technicians and chemists at our manufacturing sites, our field technicians have the ability to work closely with customers to manage and provide bespoke solutions to resolve pressroom problems, optimise efficiency and enhance print quality.

We are keen to help our customers contain and manage their costs in the print room and by focusing on Key Performance Indicators, such as ink mileage, press and blanket wash cycles and paper wastage, we work with them to benchmark existing set-ups, and recommend more cost efficient product combinations.

***Our Customers are the focus of all that we do***

**PremoKing**

**DAY**



You can continue to rely on Flint Group for the names you trust

## PremoKing Heatset Process Inks

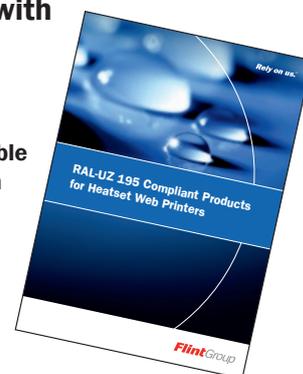
PremoKing 1000	High tack process colour series with improved rub or scuff resistance on silk or matt coated paper.
PremoKing 2000	High tack process colour series for use on MC, LWC, and the better quality SC papers.
PremoKing 3000	Medium high tack and viscosity characteristics for use on MC, LWC, SC papers and the better quality NP papers.
PremoKing 4000	Medium tack process colour series for use on a wide range of paper qualities from MC, LWC to SC and the better picking resistant NP papers. Better piling performance with problematic SC papers.
PremoKing 5000	Medium low tack process colour series for use on SC-A to NP papers.
PremoKing 6000	Low tack process colour series for use on SC-B to NP papers.
PremoKing 8000	Ultra low tack process colour series for use on NP papers.

Coated	PremoKing 1000	Higher Viscosity Tack Gloss Drying Speed Dot Sharpness Lower
	PremoKing 2000	
Coated/ Calendered Universal	PremoKing 3000	
	PremoKing 4000	
	PremoKing 5000	
Uncoated/ News Print	PremoKing 6000	
	PremoKing 8000	

### High performance products with lower environmental impact

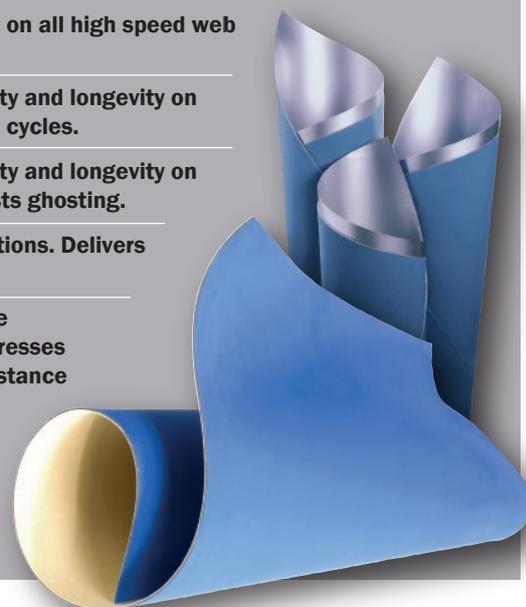
For those printers seeking Blue Angel certification (RAL-UZ 195), all PremoKing series inks are now available as an ecologically friendly formulation in the product line PremEco BE.

Please refer to our dedicated product brochure (RAL-UZ 195 Compliant products for Heatset Web Printers) for more details.



## DAY Heatset Printing Blankets and Sleeves

dayGraphica 3610	The ideal blanket for optimum print performance on all high speed web applications.
dayGraphica 5000	Featuring DuraZone technology for highest quality and longevity on coated stocks. Minimal gauge loss over long use cycles.
dayGraphica 5700	Featuring DuraZone technology for highest quality and longevity on coated and uncoated stocks. Easy to clean, resists ghosting.
Ducoweb	Versatile high quality blanket for all web applications. Delivers consistent print pressure for better print quality.
dayGraphica QC 3192 (1.62mm) dayGraphica QC 3193 (1.76mm)	Built with innovative DuraBond technology, these metalbacked blankets for commercial Heatset presses raise the industry standard for delamination resistance and durability.
dayGraphica t3000	High quality, fibreglass-composite or nickel based gapless sleeves for all Goss Sunday and manroland Rotoman S and Lithoman S presses.



## More Products You Need. Expert Support You Deserve. And, Peace of Mind.

Flint Group's Print Media Europe Web offset division offers a uniquely powerful combination of products, services and expertise. The products presented in this brochure make up the core of our portfolio. Please refer to [www.flintgrp.com](http://www.flintgrp.com) for further information on these selected products and on our complete range for web offset printing.

# A unique portfolio of industry leading products



## Heatset Fountain Solutions

FS 2080	Runs alcohol free on both integrated and non integrated dampening systems, minimising ink feedback and maintaining clean tanks.
Varn® Durafount	FOGRA approved, general purpose fountain solution for all dampening systems. Revolutionary paper friendly formulation designed to minimise the problems of vanishing dots and paper deposit build up in tanks.
Varn® Elite	FOGRA approved, specially formulated for high-speed, wide format manroland presses. Will run alcohol free on both integrated and non integrated dampening systems, minimising ink feedback and maintaining clean tanks.
Varn® AF Superspeed	FOGRA approved, for older, slower running presses.
Varn® HSF 9165/9168	FOGRA approved, strong buffer package for high-speed, wide format manroland presses.
Varn® HSF 9199	FOGRA approved, specially designed for use with unbaked lithographic plates. Will not leave aggressive residues on the plate surface during press stoppages.
Varn® HSF 8721	Specifically formulated to help combat ink feedback issues. Extremely quick, clean start-up.
Varn® Sunday Fount	Formulated for high-speed Heidelberg Sunday and Goss M-Series presses.



## Heatset Blanket and Roller Washes

Varn® Natural Wash	FOGRA approved, economical, environmentally friendly product for use in automatic washing systems. Designed to comply with explosion limits for the safe operation of heatset ovens. For use with conventional inks.
Varn® HS Fastwash Elettra	FOGRA approved, for use in Elettra automatic washing systems. Designed to comply with explosion limits for the safe operation of heatset ovens. For use with conventional inks.
Varn® EC Wash	An economical All category blanket and roller wash for conventional inks. Contains aromatics.
Varn® V60 Plus	FOGRA approved, All water-miscible blanket & roller wash designed for full-strength manual application.
Varn® HSW 9189	FOGRA approved, high evaporation to meet BG requirements for new press installations and solvent changes on existing Heatset presses.



## Heatset Silicones

The ability of Flint Group to manufacture our own silicone oils, unique within suppliers of silicone emulsions into the print industry, has enabled us to create a new type of silicone technology which drastically reduces the amount of silicone oil required to provide anti-marking and slip properties. This patented technology results in a silicone film with a lower migration into the paper surface and a higher concentration of a more effective silicone oil at the paper surface where it can provide better and more efficient lubrication.

Varn® FBS 6500	Wax free silicone emulsion - 50% solids.
Varn® FBS 3500	Wax free silicone emulsion - 32% solids.
Varn® Pro-Web Titanium Plus	Wax free silicone emulsion - 40% solids.
Varn® Pro-Web Plus Silicones contain additional slip agents and offer excellent stability, low viscosity and enhanced wetting giving an even, unbroken film on the applicator roller all of which enhances emulsion transfer.	
Varn® Pro-Web Titanium Plus	Silicone emulsion with added slip agents - 50% solids.
Varn® Pro-Web Rhodium Plus	Silicone emulsion with added slip agents - 40% solids.
Varn® Pro-Web Platinum Plus	Silicone emulsion with added slip agents - 32% solids.
Varn® Pro-Web Gold Plus	Silicone emulsion with added slip agents - 26% solids.
Varn® Pro-Web Silver Plus	Silicone emulsion with added slip agents - 18% solids.



# Exceptional value, consistent quality and continuous innovation



## Heatset Cleaners and Rejuvenators

Varn® Calcium Deglazer	Liquid deglazer for removing calcium from rollers and blankets, eliminates ink stripping and ink transfer problems.
Varn® Penetration Plus	Deep cleans and rejuvenates rollers and blankets. Not suitable for use on EPDM rubber compounds.
Varn® Revitol	Detergent based roller deglazer for rollers and blankets.
Varn® Take It Off	Non-abrasive paste deglazer for rollers and blankets.
Varn® MRC	Fast evaporating dampener and metering roller cleaner.
Varn® UV MRC	Dampener and metering roller cleaner, specially designed for UV inks.
Varn® Super Rubber Rejuvenator	Roller and blanket rejuvenator. Not recommended for use on urethane or EPDM rollers.
Varn® Complete	Plate cleaner and plate gummer in one product, cleans and gums in one application.
Varn® Plate Plus	Heavy duty plate cleaner.
Varn® True Blue	General purpose plate cleaner and desensitiser.
Varn® CtP Plate Cleaner	For the removal of ink or to desensitise without damaging even the softest of CtP plate coatings.
Varn® Fountclean	Non foaming fount systems cleaner to remove impurities from recirculating systems.
Varn® Pro-Kleen	General purpose cleaner/degreaser designed for a wide variety of press room cleaning applications.



## Heatset Speciality Products

Varn® Anti-Static Solution	Concentrated anti-static additive for use with silicone emulsions.
Varn® Aqua Conditioner	Hardening agent for fully desalinated water.
Varn® Aqua Plus	Additive to water tanks of automatic blanket washes to maximise wettability of wash and prevent bacterial growth.
Varn® Defoamer	Antifoam to be added to dampening tanks to boost defoaming performance.
Varn® Orange Scrub	Citrus hand cleaner with microbead particles to cut through the toughest grease and grime.
Varn® Roller Lube	Mineral oil based lubricant for printing units not being utilised. Not suitable for EPDM rubber compounds.





**More Products You Need.  
Expert Support You Deserve.  
And, Peace of Mind.**

For further information please visit

**[www.flintgrp.com](http://www.flintgrp.com)**

or contact us at

**[printmedia.eu@flintgrp.com](mailto:printmedia.eu@flintgrp.com)**