

***Rely on us.***

# FOOD GRADE PACKAGING PRODUCT RANGE

Printing food grade packaging can be complex. Flint Group Image Transfer Technologies has the expertise and solutions to help guide the way to safe and profitable production.



# Products and support to meet the demands of food packaging printing

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

We are a leading global manufacturer of high-quality sheetfed blankets, fountain solutions, pressroom washes, cleaners and anti-set-off powders. In all of our production locations, the entire process chain from raw material to the finished product are housed under one roof, allowing us to maintain stringent quality and process control. No other company offers a greater choice of solutions to the food packaging industry. This makes

us unique, and, with hundreds of years of experience in working with customers who expect us to improve their performance, you can be sure that we always have the right product to deliver optimum results! Working together, our range of ISEGA, Fogra and OEM approved products and technical specialists deliver solutions that translate into the competitive advantage you need in today's tough business environment.

## Food packaging – naturally sensitive

Food packaging is a sensitive area, and manufacturers in this segment must focus on the highest levels of manufacturing controls in line with the imperative of protecting the consumer. This is the subject of extensive legislation, Good



Manufacturing Practice guidelines and voluntary regulation under the umbrella of the European Printing Inks Association (EuPIA), to which Flint Group subscribes. All of these are under constant review and apply to all packaging components of a packaged food – including the label. All suppliers in the food packaging value chain have to ensure that their contributions do not in any way endanger consumer health – for example through the migration of undesirable substances into the foodstuffs.

# Products you need. Expert support you deserve and peace of mind.

Flint Group offers a uniquely powerful combination of products, services and expertise. The products presented in this brochure and on the quick reference matrix below, 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 packaging printing.

## Fountain Solutions

| Product           | Application                             | Inks              | IPA Elimination | IPA Reduction | OEM/Fogra | Low Migration ISEGA |
|-------------------|---|-------------------|-----------------|---------------|-----------|---------------------|
| Varn® SFF 9275    | Commercial Sheetfed                     | Conventional / UV | ✓               | ✓             | ✓         | ✓                   |
| Varn® Ultra 4100  | Commercial Sheetfed / Packaging         | UV                | ✗               | ✓             | ✓         | ✓                   |
| Varn® SFF 9205    | Commercial Sheetfed / Calcium reduction | Conventional / UV | ✓               | ✓             | ✓         | ✓                   |
| Varn® SFF 9211    | Commercial Sheetfed / Packaging         | UV                | ✓               | ✓             | ✓         | ✓                   |
| Varn® Supreme     | Commercial Sheetfed                     | Conventional      | ✗               | ✗             | ✓         | ✓                   |
| Varn® Cal-Kleen   | Commercial Sheetfed / Calcium reduction | Conventional / UV | ✗               | ✗             | ✓         | ✓                   |
| Varn® Protek 2300 | Commercial Sheetfed / Packaging         | Conventional / UV | ✗               | ✗             | ✓         | ✓                   |
| Varn® SFF 9312    | Commercial Sheetfed / Packaging         | Conventional      | ✓               | ✓             | ✓         | ✓                   |

## Blanket and Roller Washes

| Product               | Application                         | Roller Compatibility       | Inks              | Aromatic - Free | Water Miscibility | Flash Point / Deg C | OEM / Fogra | Low Migration ISEGA | Drying Speed |
|-----------------------|-------------------------------------|----------------------------|-------------------|-----------------|-------------------|---------------------|-------------|---------------------|--------------|
| Varn® V60 Plus        | Blanket & Roller Wash               | Conventional/Combi rollers | Conventional      | ✓               | ✓                 | 63                  | ✓           | ✓                   | **           |
| Varn® Premium Wash 60 | Blanket & Roller Wash               | Conventional/Combi rollers | Conventional      | ✓               | ✓                 | 63                  | ✓           | ✓                   | **           |
| Varn® Non VOC Wash    | Blanket & Roller Wash               | Conventional/Combi rollers | Conventional      | ✓               | ✓                 | >100                | ✓           | ✓                   | *            |
| Varn® VWM             | Blanket & Roller Wash               | Conventional/Combi rollers | Conventional      | ✗               | ✓                 | 40                  | ✗           | ✓                   | ***          |
| Varn® MRC             | Dampening / Metering roller cleaner | EPDM / Combi rollers       | Conventional      | ✓               | ✗                 | -26                 | ✗           | ✓                   | ****         |
| Varn® UV MRC          | Dampening / Metering roller cleaner | EPDM / Combi rollers       | Conventional / UV | ✓               | ✗                 | 15                  | ✗           | ✓                   | ****         |
| Varn® All Hydrosolv   | Blanket & Roller Wash               | Combi rollers              | Conventional / UV | ✓               | ✓                 | 63                  | ✓           | ✓                   | **           |
| Varn® SFW 9237        | Blanket & Roller Wash               | EPDM / Combi rollers       | Conventional / UV | ✓               | ✓                 | >100                | ✓           | ✓                   | *            |
| Varn® UV Wash         | Blanket & Roller Wash               | EPDM                       | UV                | ✓               | ✓                 | 96                  | ✓           | ✓                   | *            |
| Varn® SFW 9295        | Blanket & Roller Wash               |                            |                   | ✓               | ✓                 | >100                | Pending     | Pending             | *            |





# A unique portfolio of industry leading products

## Cleaners

| Product                  | Application                               | Inks                   | Low Migration |
|--------------------------|---|------------------------|---------------|
| Enviroflex Anilox Paste  | Flexographic Packaging                    | Aqueous / Solvent / UV | ✓             |
| Enviroflex Aquawash      | Flexographic Packaging / Offset Packaging | Aqueous                | ✓             |
| Enviroflex Multiwash     | Flexographic Packaging / Offset Packaging | Aqueous / Solvent / UV | ✓             |
| Enviroflex Powerclean AL | Flexographic Packaging                    | Aqueous / Solvent / UV | ✓             |

| Product                        | Application  |
|--------------------------------|--|
| Varn® Calcium Deglazer Gel     | Gel 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® 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.                     |
| Varn® Aqua Conditioner         | Speciality hardening agent for fully desalinated water, designed for all printing applications and press types         |
| Varn® Ink Readi                | A specialist anti-oxidant to prevent skinning in cans and on ink rollers for all printing applications and press types |

## Sheetfed Anti Set-Off Spray Powders

Varn® Anti Set-Off Powders are available in two series; Regular (uncoated) powders and Coated powders, each series comprising of Fine, Medium and Coarse grades.

The Coated series of powders are micro-encapsulated with a slip agent which enhances the powder, increasing its hydrophobic properties. They repel water and are attracted to the ink's surface, giving better 'set-off' protection and increased mileage.

Varn® Coated powders are quite different in their working properties from the conventional or regular powders, but both types perform well in all spray units, and because they resist humidity, they will not clog spray nozzles.

| Product                                 | Low Migration ISEGA |
|---|---------------------|
| Varn® Coated Fine Anti Set Off Powder   | ✓                   |
| Varn® Coated Medium Anti Set Off Powder | ✓                   |
| Varn® Coated Course Anti Set Off Powder | ✓                   |
| Varn® CC20 Anti Set Off Powder          | ✓                   |
| Varn® CC30 Anti Set Off Powder          | ✓                   |

Our CC20 and CC30 coated powders have been through additional manufacturing processes to eliminate 'fines' and provide consistent uniform particle sizes.

The low dust quality of these powders delivers a cleaner working environment and ensures minimum powder consumption.

Due to the low dust quality CC20 and CC30 have been included in the 'List of Recommended Low-Dust Spray Powders' of the BG ETEM Branchenverwaltung Druck und Papierverarbeitung.



# The right products to deliver optimum results

## Rubber Printing and Coating Blankets

Our high quality range of printing blankets cover all your food packaging printing needs from general purpose and premium printing blankets for use with conventional inks or UV inks, blankets designed for high speed wide format to stripping blankets for single or multiple use coating applications.

| Product             | Application                         | Rubber Compound | Inks              | Low Migration ISEGA |
|---------------------|-------------------------------------|-----------------|-------------------|---------------------|
| dayGraphica 36      | Offset Packaging                    | NBR             | Conventional / UV | ✓                   |
| dayGraphica 3610    | Offset Packaging                    | NBR             | Conventional/ UV  | ✓                   |
| dayGraphica 4100    | Offset Packaging                    | EDPM            | UV                | ✓                   |
| ProX                | Offset Packaging                    | NBR             | Conventional      |                     |
| dayGraphica 429     | Plastic pot and container packaging | BUTYL           | Ketone / UV       | ✓                   |
| dayGraphica 3001    | 2 piece can decorating              | NBR             | Conventional      |                     |
| Prostrip SSRT*      | Offset Packaging                    | NBR             | Aqueous / UV      | ✓                   |
| Duco Superstrip FB* | Offset Packaging                    | NBR             | Aqueous / UV      | ✓                   |

\*Coating Blankets

NBR: Nitrile Butadiene Rubber  
EDPM: Ethylene Propylene Diene Monomer  
BUTYL: Polyisobutylene

# Our Customers are the focus of all that we do!

## Consistent Quality

Our globally renowned consistent quality, comes from decades of experience in the production of sheetfed offset blankets and pressroom chemicals.

Blankets – Recent investment in our production sites in North America providing advanced blanket production sites with the latest technology.

Press Room Chemicals - Providing quality products for more than 60 years, backed up by continuous research and development.

## Technical Support

Our skilled and dedicated technical support team has been assembled to make the most of their specialized knowledge of the folding carton packaging sector.

We also have a comprehensive area on our web site – full of information and guidance on our products, best practice and the constantly evolving legislation and ordinances.

## Cost Reduction - creating value for our customers

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

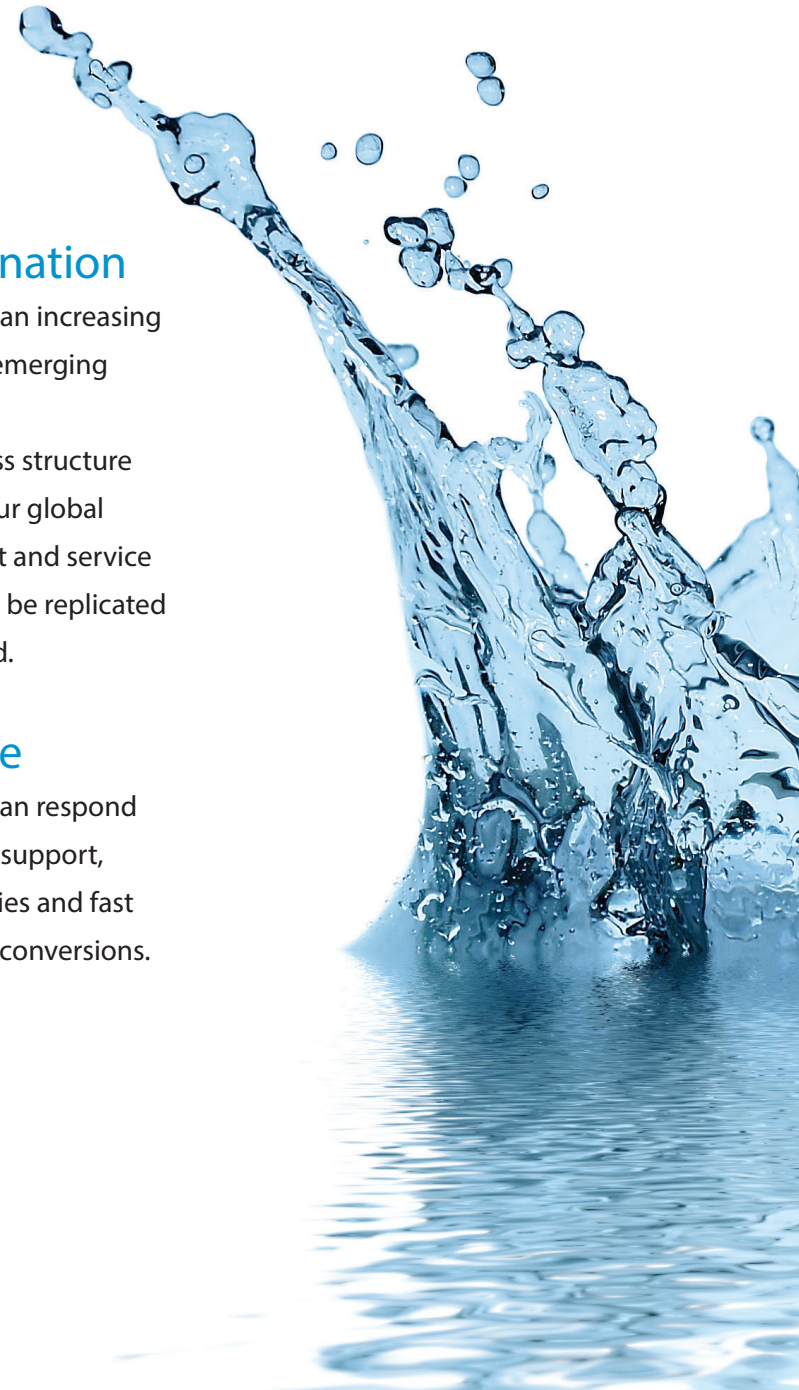
## Global Coordination

Truly global reach and an increasing proportion of sales in emerging markets.

Our packaging business structure ties-in seamlessly to our global footprint. Each product and service we offer in Europe, can be replicated in any part of the world.

## Response Time

...and this means we can respond with prompt technical support, short lead time deliveries and fast turnaround of blanket conversions.



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For further information please visit  
[www.flintgrp.com](http://www.flintgrp.com)

or contact us at  
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**FlintGroup** / *Image Transfer Technologies*

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**Flint**Group

Your Source for Food-Grade  
Pressroom Chemistry,  
Biodegradable Cleaners  
and Blankets.