

NEW



NewV set



NewV label



NewV pack



NewV flex



NewV brid



NewV lac



NewV poly



NewV fix



NewV aux

Printed with NewV products



Development

Application

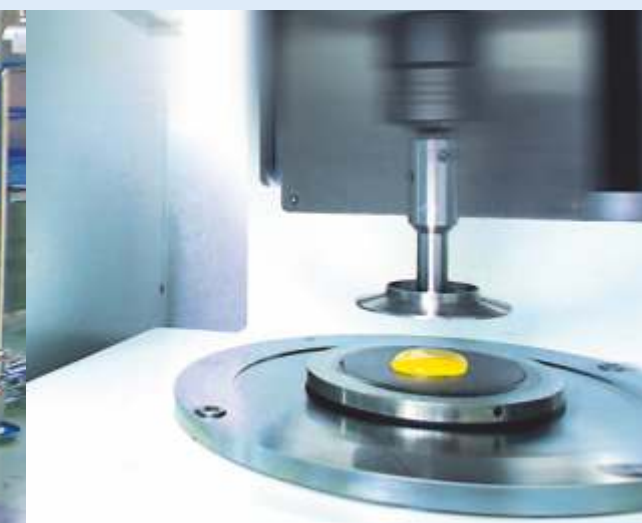
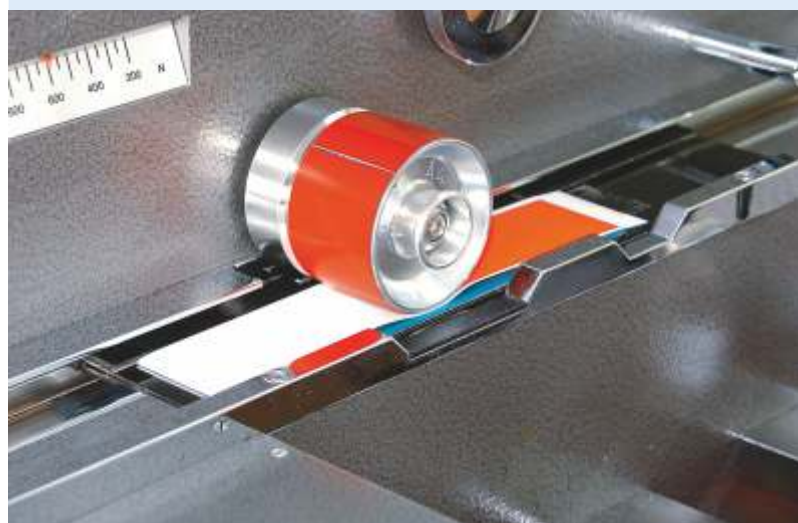
Service

Product overview

More than just ink ...



...newly developed with the experience and passion of the **hubergroup**



Come and meet the new generation of UV inks and coatings. It's genuinely impressive: NewV from the **hubergroup**. A unique family of UV inks that offers a multitude of advantages: fresh, intensive colours, excellent flow properties, consistently high quality - you name it.... At the same time, NewV is suitable for printing on different substrates and printing processes, from offset, letterpress, flexo, through screen to dry offset printing. At last, there's now a single product series on the market that let's you master almost all UV jobs: the **hubergroup's** NewV series.

NewV inks and coatings have been formulated keeping in mind the latest developments in UV technology. Working hand in hand with our clients, partners and technicians, we have listened to all their ideas and desires and incorporated them into this new generation inks. This means you can be certain to have a fully perfected and comprehensive UV ink system for your print production. NewV is manufactured in ultramodern production plants by highly qualified personnel and offers you maximum certainty in relation to choice, quality and availability.



Comprehensive service backup

Our constant endeavor to live up to the expectations of every single customer by providing timely and expert technical support to make your printing process smoother and highly productive. With 40 companies and more than 200 offices and representatives worldwide, we are always close to our customers with short distances, fast delivery and reliable service.



The services we provide:

- Ink-related consulting on substrate properties, printability and finishing
- Fast technical support in solving printing problems or optimising your printing process
- Ink formulation in order to obtain precisely the shades and fastness properties demanded
- Assistance in setting up your own colour measurement system on the basis of CRS mixed colours
- Ink delivery / ink store management in order to manufacture more efficiently
- Comprehensive consulting on the entire NewV product range (inks, varnishes, fount concentrates and auxiliaries)
- Support in manufacturing migration-optimised food packages that comply with the relevant legislation
- Development of new systems in cooperation with press manufactures and users

NewV Product Range



Offset

NewV set, NewV set HS, NewV set LED
NewV pack, NewV pack EB, NewV pack MGA
NewV poly, NewV poly HS, NewV poly LED, NewV poly MGA
NewV maxX
NewV brid
NewV news
NewV tp



Letterpress

NewV label
NewV dry offset



Flexo

NewV flex



Screen Printing

NewV upp
NewV upl
NewV upx
NewV ucd



Print Finishes

NewV lac



Fount Solutions & Auxiliaries

NewV fix
NewV auxiliaries





UV inks for Offset process

Suitable for different substrates, press conditions and various UV curing systems

- Intense and vibrant colours
- High fountain solution tolerance
- Suitable for laser printing applications
- Very high rub, marking and chemical resistance properties



NewV set

UV offset inks for Paper and Board NewV set / NewV set HS / NewV set LED

Well optimized formulations for printing on a wide range of substrates, varied press room conditions and different printing speeds

Wide range comprising

- Process colours
- Special colours
- Special Whites and Metallics
- Ink Mixing System (CRS)

NewV maxX

UV offset inks for printing on absorbent and non-absorbent substrates

ITX free formulations keeping in mind special requirements for packaging printing. Fast curing, good rub resistance and optimum adhesion

Wide range comprising

- Process colours
- Special colours
- Special Whites and Metallics
- Ink Mixing System (CRS)

NewV pack

Special UV offset inks for sensitive product packaging NewV pack / NewV pack EB / NewV pack MGA

*ITX free formulations keeping in mind special requirements for packaging applications

Wide range comprising

- Process colours
- Special colours
- Special Whites and Metallics
- Ink Mixing System (CRS)

NewV brid

High gloss hybrid inks for printing on conventional presses

Specially designed for printing on conventional presses fitted with conventional rollers and blanket with extended UV curing facilities. Do not require inter-deck curing

Wide range comprising

- Process colours
- Special colours
- Special Whites and Metallics
- Ink Mixing System (CRS)

NewV poly

UV offset inks for printing on film/foil lamination and other non-absorbent substrates NewV poly / NewV poly HS / NewV poly MGA / NewV poly LED

ITX free formulations keeping in mind special requirements for packaging applications

Wide range comprising

- Process colours
- Special colours
- Special Whites and Metallics
- Ink Mixing System (CRS)

NewV news

UV web offset inks for coated and un-coated paper

UV web offset inks for use on web presses for printing newspaper and commercial jobs

Suitable for:

- Coated and uncoated papers
- Standard newsprint
- LWC paper
- GNP paper

Also available NewV TP inks for Metal Decoration

*ITX - Isopropyl Thio Xanthone is a photo initiator and is banned from the printing inks for food packaging





UV inks for Letterpress & Dry Offset

Letterpress & Dry Offset UV inks suitable for printing labels, soft squeeze tubes and paper / plastic cups



UV inks for Flexo process

UV flexo inks for absorbent and non-absorbent stocks



NewV label



UV letterpress inks for printing labels

*ITX free formulations keeping in mind special requirements for packaging applications

Wide range comprising

- Process colours
- Special colours
- Special Whites and Metallics
- Ink Mixing System (CRS)

NewV flex



UV flexo inks for printing labels

Suitable for printing labels, shrink sleeves, in-mould labels, thermal papers etc

- Low odour
- Good adhesion
- Excellent flow and resistance properties

*ITX free formulations keeping in mind special requirements for packaging applications

Wide range comprising:

- Process colours
- Special colours
- Special Whites and Metallics
- Ink Mixing System (CRS)

NewV dry offset



Dry Offset inks for printing on soft squeeze tubes and paper / plastic cups

*ITX free formulations keeping in mind special requirements for packaging applications

Wide range comprising:

- Process colours
- Special colours
- Special Whites and Metallic
- Ink Mixing System (CRS)





UV inks for Screen printing

Speciality UV inks designed for screen application on wide range of plastic and paper substrates to fulfil multiple end applications in packaging and display

Wide range comprising :

- Process colours
- Special colours
- Special Whites and Metallics
- Ink Mixing System (CRS)



NewV upp



UV screen inks for Graphics and Packaging

Substrates: Treated polyethylene and polypropylene, variety of paper / board

Characteristics :

- Excellent adhesion
- Excellent resistance to most solvents, detergents, lubricants
- Fast cure inks suitable for high speed printing
- High gloss
- Brilliant colours with high opacity
- Non-toxic, meet EN 71-3 Toy safety standard for heavy metals

NewV upx



UV screen inks for Graphics, Display & Packaging

Substrates: Flexible and rigid PVC, polystyrene, HIPS, polycarbonate, acrylic, cellulose acetate, pre-treated polyethylene and polypropylene, fluted PP / corropack / sunpack and variety of papers

Characteristics

- Excellent light fastness
- Excellent flexibility, adhesion, weather resistance, alcohol and petrol resistance
- Fast cure inks suitable for high speed and half-tone printing
- Non-toxic, meet EN 71-3 Toy safety standard for heavy metals

NewV upl



UV screen inks for Graphics and Display

Substrates: Flexible and rigid PVC, polystyrene, HIPS, polycarbonate, acrylic, cellulose acetate

Characteristics :

- Excellent light fastness
- Excellent flexibility, adhesion, weather resistance, alcohol and petrol resistance
- Fast cure inks suitable for high speed printing
- Ideal for half-tone printing
- Non-toxic, meet EN71-3 Toy safety standard for heavy metals

NewV ucd



UV screen inks for CD & CD-R

Substrates: CD, CD-R, DVD, DVD-R

Characteristics:

- Fast cure inks suitable for high speed printing
- Excellent flexibility and inter-coat adhesion
- Very low shrinkage - meet the requirements of mechanical parameters





UV coatings and special effect varnishes for Print Finishes

Wide range of coatings for general purpose and special effects
Suitable for different application methods and substrates

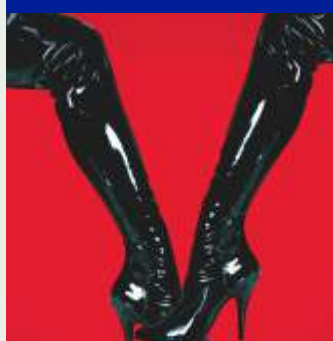


Fount Solutions & Auxiliaries

Fount concentrates and auxiliaries for print optimisation



NewV lac



Wide range of coatings

Available in attractive gloss / matt effect with good flow, fast curing and low odour properties. NewV lac finishes are formulated for absorbent and non-absorbent substrates for different application methods

Application methods:

- Inline finishing : using coating, printing or dampening unit
- Offline finishing : using coating / varnishing machines
- Flexo / Gravure applications
- Screen applications

Available versions:

- Matt / Gloss
- Foil stampable and glueable
- Effect varnishes for screen applications
- Special structure and drip-off finishes
- BP free versions also available

NewV fix



Fount concentrates for UV printing

A stable ink water balance is of crucial importance to achieve excellent print reproduction. NewV fix fount concentrates have been perfectly formulated for optimum performance in varied print conditions

Special properties:

- Formulation of a stable and thin film of fount solution through careful reduction of the surface tension
- Fast plate runoff
- Formation of a stable ink / water emulsion
- Good protection of the printing plates
- IPA reduction
- Accredited as non-corrosive in accordance with current rules

NewV aux



UV auxiliaries for print optimisation

UV inks and coatings may require special auxiliaries to make necessary adjustments during printing/coating in the press room to deal with special printing conditions

Formulated to meet these specific requirements

- Tack reducers (paste and thin)
- Photo-initiators (paste and thin)
- Wash up solutions for rollers and blankets



NewV products at a glance


The following table and list provide an overview of the entire NewV ink system right through to NewV CRS, the ink mixing system for spot colours. And of course, the UV inks are complemented by fount concentrates, auxiliaries and UV varnishes that are perfectly matched to the respective printing process and the different substrates. The table below provides an overview of the entire UV ink system at a glance. For more information, please visit www.hubergroup.in

NewV PROGRAMME INK SYSTEM		NewV set / HS / LED	NewV pack / EB / MGA	NewV brid	NewV poly / HS / MGA / LED	NewV label	NewV max	NewV news	NewV flex	NewV lac	NewV fix	NewV aux	NewV upp	NewV upx	NewV upl	NewV ucd
PRINTING METHODS	Offset	✓	✓	✓	✓		✓	✓			✓	✓				
	Letterpress	✓	✓	✓	✓	✓						✓				
	Flexo								✓			✓				
	Finishing									✓		✓				
	Screen											✓	✓	✓	✓	✓
END USE	PACKAGING															
	Folding Boxes	✓	✓	✓	✓		✓		✓	✓	✓	✓				
	Lables, IML				✓	✓	✓		✓	✓	✓	✓				
	Film, Foil, Plastics				✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
	Moulded Can											✓	✓	✓	✓	
	CD / DVD											✓				✓
	Display											✓		✓	✓	
	PUBLICATION															
	Brochures	✓		✓			✓			✓	✓	✓				
	News Papers							✓		✓	✓	✓				
	Mailings	✓								✓	✓	✓				
	Business Forms	✓								✓	✓	✓				
CRS	Tickets	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Books	✓		✓			✓	✓		✓	✓	✓				
CRS	NewV CRS															
		✓	✓	✓	✓	✓	✓		✓				✓	✓	✓	✓

-  **set**: UV offset inks for paper and board
-  **set HS**: UV inks for paper and board-doped lamp curing
-  **set LED**: UV inks for paper and board - LED lamp curing
-  **pack**: Special UV offset inks packaging
-  **pack EB**: EB curing offset inks for packaging
-  **pack MGA**: Low migration, Low odour UV offset inks for safe food packaging - normal lamp curing
-  **brid**: High-gloss hybrid inks for printing on conventional presses
-  **poly**: UV offset inks for printing on films
-  **poly HS**: UV offset inks for printing on non-absorbent stock - dope lamp curing
-  **poly MGA**: Low migration, Low odour UV offset inks for safe food packaging - normal lamp curing for non-absorbent substrate
-  **poly LED**: UV inks for non-absorbent substrates - LED lamp curing
-  **label**: UV letterpress inks printing labels
-  **maxX**: UV offset inks for absorbent and non-absorbent substrates
-  **news**: UV web offset inks for coated and un-coated paper
-  **flex**: UV flexo inks for absorbent and non-absorbent substrates
-  **lac**: UV varnishes for offset, flexo, gravure presses and varnishing machines for finishing and special effects
-  **fix**: Fount concentrates for UV printing
-  **aux**: UV auxiliaries for print optimisation
-  **upp**: UV screen inks for treated, P.P. & P.E. substrates / paper and board
-  **upx**: UV screen inks for all plastic substrates including treated polyolifnes
-  **upl**: UV screen inks for all plastic substrates except P.E. & P.P.
-  **ucd**: UV screen inks for CD / DVD

CRS max : the UV ink mixing system for spot colours

NewV CRS max, the software for mixing inks, offers printshops a flexible UV ink mixing system with a multitude of genuine advantages. It lets you make any spot colour you want - reliably, precisely and reproducibly at any time

 CRS max is available for set, pack, MGA, brid, Poly and label

