

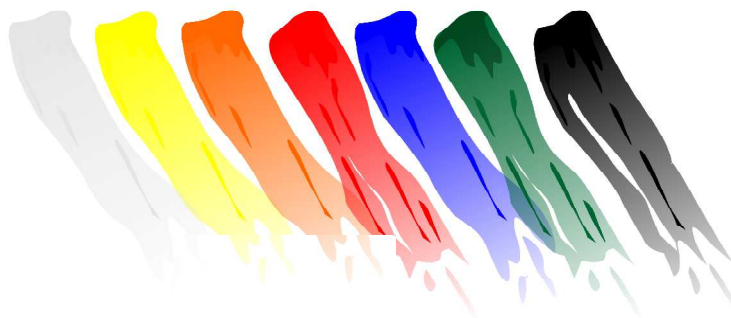
Flockenhaus

GmbH & Co. KG

Fixon[®]



Seit 1865



Production Program 2019

Fixon[®] Flock[®] Nopp[®]

FIXON® Textile Marker



FIXON® Textile Marker is the most modern, most practical and easiest method of writing on fabrics. Our products have excellent fastness properties, which differ according to the type of fibre material used. Fabric writing dyes make the time-consuming sewing of piece numbers unnecessary.

The FIXON® Textile Marker can be delivered in the following colours: white, yellow, orange, red, blue, green, black.

Fixon®

The diversity of colours enables the goods to be written on quarterly or according to customer groups.

Type:

- FIXON® Textile Marker in tube (100ml)
- FIXON® Textile Marker fabric-writing bottle P'100 (100ml)
- FIXON® Textile Marker bottles (1000 ml)
- FIXON® Textile Marker in fabric-writing-bottle
- FIXON® Textile Marker - Valve Marker



FIXON® Textile Marker is chemically stable for:

- Organical acid
- Boiled in 30% caustic soda solution
- Boiled in 20% sulphuric acid
- High temp up to 220°C
- washed in soda soap solutions,
- submitted to peroxide-chloride-bleach
- thermofilation,
- cylinder press,
- HAT-dye machine etc.:

The writing heads in plastic or metal are delivered in the following strengths:

<p>No. 0 ø 1.8 mm Super-fine for super fine textile fabric and polyester</p>	<p>No.1 ø 2.5 mm Very-fine for fine and smooth fabric</p>	<p>No. 2 ø 3.5 mm Fein for middle and smooth fabric</p>	<p>No. 3 ø 4.5 mm Medium for cloths and heavy quality fabrics</p>	<p>No. 4 ø 6.5 mm Thick for very thick, strong milled, raised fabric</p>

The writing heads could be very easy dismantled. We recommend the cleaning of our writing heads with our cleaning agent. Through the cleaning our writing heads are useable again and bring you cost saving.

FIXON® Textile Marker - Valve marker

The Textile marker with valve system will be used for marking with very high requirements to receive permanent marking. Thanks to the unique valve system we reach an optimum of writing flow.

Properties:

- Universal durable marking for almost all textiles
- Unique valve system
- weather-, acid –base property
- light - resistant
- Colours: white, yellow, red, black.

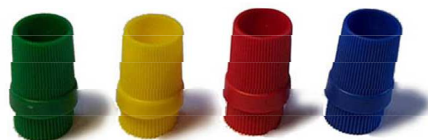


New! Handy and refillable fabric-writing bottle P'100

The **FIXON®** fabric-writing bottle P'100 is our new refillable marking bottle for textiles. A useful, economical and environmentally friendly solution for a very versatile appliance.

Available in the following types:

- FIXON® fabric-writing bottle P'100 in white, yellow, orange, red, green, blue and black. Quantity: 100 ml.
- FIXON® textile marker refilling colour. Quantity: 1,000 ml.
- Reducing flange P` 100
- writing points made of plastic or metal:



				
Nr. 0 ø 1,8 mm Super-fine	Nr. 1 ø 2,5 mm very fine	Nr. 2 ø 3,5 mm fine	Nr. 3 ø 4,5 mm medium	NR. 4 ø 6,5 mm wide

Application:

Please hold the FIXON® fabric-writing bottle P'100 vertically and employ on the surface to be marked using regular pressure. Please clean the writing point after every use.

Reusing of the marking bottle is possible when our special FIXON® textile marker colours are used for refilling.



FIXONI Textile Marker

Fixoni Textile Marker is applied, where a lasting and durable marking of textiles is demanded.

During the development of our product the following requirements were very important:

- an easy application for applying the color is done with a color pencil.

According to this application we offer two line strengths:

K Series with round writing head approx. 1 mm line width and 11 ml content



N Series with round acrylic writing head approx. 3 mm line width and 11 ml content



- short drying time
- explicit and durable marking, resistant to acid and alkaline media as well as high temperatures and compression load.

By this our product is capable for the use as permanent marker for different textile finishings.

The marking of professional clothing (laundry) is an area in which our product can be used successfully.



FIXONI Textile Marker is a need for comfort and efficiency!

The markers are available in the following colors:

K Series

N Series



Yellow



Red



Black



FIXION® Industrie marker

für glatte, raue, nasse und ölige Oberflächen
for smooth, rough, wet and oily surfaces

Benefits for using FIXION® Industrial Marker:

- Clean, legible and durable marking on many materials (metal, plastic, glass, wood, rubber, concrete etc.)
- Colors: white, yellow, orange, red, green, blue, black
- lightfast
- weather-, acid- and base-proof

Type:

- FIXION® Industrial Marker in tubes (100ml)
- FIXION® Industrial Marker writing bottle P'100 (100ml)
- FIXION® Industrial Marker in bottles (1000 ml)
- FIXION® Industrial Marker in fabric-writing-bottle.
- FIXION® Industrial Marker – valve pen
- FIXION® Industrial Marker N series – valve pen
- FIXION® Industrial Marker K series – valve pen



FIXION® Industrial Marker in tubes

FIXION® Industrial Marker in tubes is an industrial marker in tubes used for medium and wide labeling (from 1.8 mm to 6.5 mm).

Colours: white, yellow, orange, red, green, blue, black

As writing implement the writing points are used (as for tubes and fabric-writing-bottles)



FIXION® Industrial Marker writing bottle P'100 (100ml)

The FIXION® Industrial Marker writing bottle P'100 is our new refillable marking bottle for textiles.

A useful, economical and environmentally friendly solution for a very versatile appliance.

Available in the following types:

- FIXON® Industrial Marker writing bottle P'100 in white, yellow, orange, red, green, blue and black. Quantity: 100 ml.
- FIXON® Industrial Marker Ink refilling colour. Quantity: 1000 ml.
- Reducing flange P`100
- writing points made of plastic or metal



Application:

Please hold the FIXON® Industrial Marker writing bottle P'100 vertically and employ on the surface to be marked using regular pressure. Please clean the writing point after every use.

Reusing of the marking bottle is possible when our special FIXON® Industrial Marker Inks colours are used for refilling.

FIXON® Industrial Marker in bottle (1000 ml)

The fabric-writing bottle consists of the following components:

- Fillable fabric-writing-bottle
- Reducing piece
- Writing point

All parts are separately available.

The advantage of using the fillable fabric-writing-bottle is the permanently even flow of writing that is achieved.

Fillable fabric-writing-bottles are delivered empty.



FIXON® Industrial Marker N Series und K Series – valve pen

Industrial marker with a valve system for a lasting and durable marking of almost all surfaces: metal, rubber, plastic, glass, concrete, stone, wood and also for slightly oiled surfaces.

Thanks to the unique valve system we reach an optimal writing.

Properties:

- multi-purpose markers for almost every material
- unique valve system
- light-resistant
- weather-, acid- and base-proof
- Colours: white, yellow, red, black

According to requirements we offer two line widths:

- Valve marker with round acrylic writing point of about 3 mm
- K Series – with ball-point of about 1 mm width and 11 ml volume
- N- Series - with ball-point of about 3 mm width and 11 ml volume



FIXON® Special Mesh Adhesive



This product was specially developed for woven fabric, knitted ware and tufting-industry.

It is very difficult to correct faults made by dropped stitches or broken threads which may occur during production e.g. by stretching.

Mesh adhesive is used in these cases. The fault is covered with the adhesive which dries very quickly. In this way, the fault is sealed off and cannot spread further.

If the fabric is to be cut, it is advisable to spread the adhesive along the whole cutting-line. This prevents stitches from running.

The adhesive has excellent fastness, therefore, the fault can be ignored during further processing.

As in the case of merchandise that has been repaired by sewing, imprints are not encountered when products treated with mesh adhesive are rolled up. The adhesive can also be used for other materials.

The Special Mesh Adhesive is delivered in canisters holding approx. 1 litre or in tubes containing 100 ml.

Directions for use:

Screw off tube cap, cover the fault with the adhesive and wait until dry. Close the tube well after use.

Stamping Ink

Gewebestempelfarbe Fabric Stamping Ink



These products are special marking dyes that can be stamped on to fabric with metal or rubber stamps.

Available colours:

white,
yellow,
orange,
red,
green,
black,

Packaging: canister containing approx. 250ml, 1 litre.

For cleaning the stamps we recommend our special thinner, available in three types:

Type normal drying
Type AC fast drying
Type Pa slow drying

Instructions for use and description:

The stamping dyes have an excellent quality of fastness. The dyes have been tested under the following conditions: Soda / soap washing, boiling under pressure in caustic soda (Na OH), bleached and treated at different temperatures with diluted acids.

It is obvious, that due to the nature of the stamping-inks they take longer to dry than fabric-writing-dyes.

Because the amount of stamping-ink used is much less than that of fabric-writing-dyes, it is clear that the stamping ink can only be applied in special cases, and certainly cannot replace fabric-writing-dyes.

Stempelfarbe FX Fabric Stamping Ink FX



Bleach and colorfast stamping ink to label from cloth, leather and all popular fabrics.

Color resistant against chemical cleaning compared with acid and alkaline media as well as higher temperatures and compression load. Clearly and durable marking.

No damage of the fabric /cloths, gently in the application. Drying time: approx. 5 minutes according to room temperature and absorptive capacity of the marking fabrics.

Suitable for rubber, metal mark and special photopolymer printing plates. Ink pad or ink machines are recommended as color subcarrier (medium).

This article is available in: white, red, yellow, orange and black colors. Each colour can be prepared on the wishes of the customer.

Packaging: Bottle: 50ml, 250 ml und 1000 ml.



Stempelfarbe FX Fabric Stamping Ink FX

Stempelfarbe AX Fabric Stamping Ink AX



Ink usable for stamping cloth, leather and all common fabric **washable** from most fabrics.

Suitable for every type of rubber or metal stamp as well as for special photo polymer printing plates. As a colour carrier, we do recommend ink-pads or stamping machines.

The article is available in different Colours: yellow, orange, red, green, blue, silver, black

Special inks may be produced according to the customer's wishes.

Fabric stamping Ink Ax is available in the following sizes:

Bottle of 50ml, 250ml and 1000ml.

- Water soluble stamping ink used for temporary marking for memo writing, design drawing, embroidering, sewing etc.
- washable from most fabrics.
- Drawings are easily and quickly erasable by wate

Stempelfarbe Wx Fabric Stamping Ink Wx



Ink usable for stamping cloth, leather and all common fabric.

Suitable for every type of rubber or metal stamp as well as for special photo polymer printing plates.

As a colour carrier, we do recommend ink-pads or stamping machines.

The article is available in different colours, such as yellow, red, orange, blue or black.

Special inks may be produced according to the customer's wishes.

Fabric stamping Ink Wx is available in the following sizes:

Bottle of 50ml, 250ml and 1000ml.

Characteristics of the product:

- odourless pigment stamping ink, water-based
- drying time depends on surrounding temperature and the absorptivity of the surface to be marked
- no additional fixation needed, colourfast up to 60 degree Celsius!
- solvent-free
- light resistant



Stempelfarbe K2 Stamping Ink K2



Aqueous dispersion of acrylic polymers with part of pigments and additives, free from aromatic solvents.

Stamping ink K2 for smooth and rough surfaces. Advantages of the stamping ink K2: Clean, well readable writing on many materials. Writes on metal, plastik, glas.

Due to watery base, well compatible on the surfaces which own a solvent incompatibleness.

Information to the VOC: <5%

Suitable for all rubber or metal stamp and special photopolymer printing plates.

Ink pad or ink machines are recommended as color subcarrier (medium).



Stempelfarbe K2 Stamping Ink K2

Packaging: Bottle 250 ml and 1000 ml.

This article is available in: white, red, yellow, blue, green, orange and black colors.
Each colour can be prepared on the wishes of the customer.

Retouching Products for Textile

Using our retouching pen almost all textile mistakes could be retouched. Wrong retouched places can't be removed.
Textiles preparations should be used only with extreme care.

Textilan – pens for retouching are available as:

- Textilan retouching pen with fine and breadth nib
bright errors to bring darker
- Textilan retouching RS pen - here dark colour errors
can be corrected in a quick and uncomplicated way.
(Dark errors to bring brightly)
- Valve pen no.1 and K -200 pen – bright and dark
errors to bring light-colored
- Textilan-Pen RSW aqueous is free of organic solvents



With standard textilan pen only bright errors can be retouched.

Through new developed Textilan pen RS - based on selected content of materials - quick retouching of dark colours
in suitable tone is possible. The Textilan ink and the Textilan pen are available in all

150 colours of the big colour card and 100 colours of the Jeans colour card.

Through transmittal of textile samples it is possible to produce special colours.



TEXTILAN-PEN

permanent retouching marker

Using our

retouching pen almost all textile mistakes could be retouched. Wrong retouched places can't be removed. Textiles preparations should be used only with extreme care.

With standard textilan pen only bright errors can be retouched. Through new developed Textilan pen RS - based on selected content of materials - quick retouching of dark colours in suitable tone is possible.

The Textilan ink and the Textilan pen are available in all 150 colours of the big colour card and [100 colours](#) of the [Jeans colour card](#).

Through transmittal of textile samples it is possible to produce special colours.

TEXTILAN-PEN

permanent retouching marker



Made by FLOCKENHAUS - Germany

TEXTILAN-VALVE PEN

WEISS/ WHITE permanent retouching marker

TEXTILAN-VALVE PEN

WEISS/ WHITE permanent retouching marker



Made by FLOCKENHAUS - Germany

The Valve pen No. 1, No.200 and K-200 is used for retouching dark colours. Available only in white.

If a dark spot has been lightened too much, it is easily possible to level this out with darker Textilan-tincture when dry.

TEXTILAN-PEN RS

permanent retouching marker



OUR NEW INNOVATION, BASED ON EXCLUSIVE INGREDIENTS

With this article we are proud to offer you a solution for problems which could never be solved in such an easy and feasible way. After having evaluated the numerous demands of our customers we are now able to offer you a suitable answer.

What is the problem?

Both in everyday routine of cloth, tufting and carpet production, and in house and home, we are faced with colour errors and spot removals (e.g. bleaching spots) on different textile surfaces.

For this kind of everyday problems, we are already offering you a cheap and practicable solution: our "Textilan retouching pens". For every need there is a specialised one. Errors are resolved within moments by means of tinting or covering, using the adequate shade. Unfortunately, this method was not able to cover dark colour errors or spots on textile materials.

Now we are able, to offer you a solution for this problem, too:

The "Textilan-Pen RS", our new innovation, based on exclusive ingredients.

Due to our new specialised ink – available in every shade you need – dark colour errors can be corrected in a quick and uncomplicated way.

The Textilan Pen RS are available in all 150 colours of the big colour card and 100 colours of the Jeans colour card. Through transmittal of textile samples it is possible to produce special colours.

TEXTILAN-PEN RS

permanent retouching marker
OUR NEW INNOVATION, BASED ON EXCLUSIVE INGREDIENTS



Made by FLOCKENHAUS - Germany

TEXTILAN-PEN RSW

permanent retouching marker



Wasserbasis
water-based



Textilan-Pen W aqueous is free of organic solvents.

The retouching Textilan Pen W is one of our new products, widening the range of retouching pens. Due to its ingredients, the Textilan-Pen Water offers you a wider array of applications than ever before.

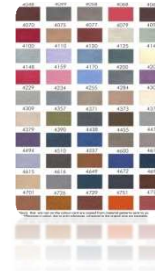
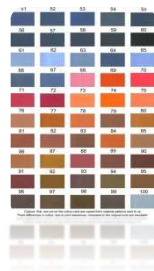
Some information about our new product:

- Textilan-Pen W aqueous is free of organic solvents.
- Right from the beginning, we aimed to design a product that is both, environmentally friendly and user-optimised. Therefore the product is not subject to any dangerous goods- declaration.
- Thanks to the use of high-quality pigments only, we achieve brilliant colours and highest covering
- Special adhesive agents guarantee a permanent lamination of fibre up to 60 degrees Celsius/centigrade.
- Textilan retouching pen are refillable and can be delivered with fine and breadth nib












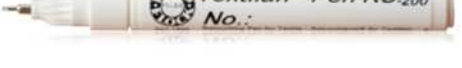
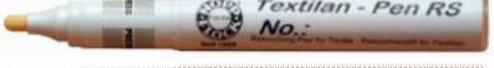







The Textilan ink and the Textilan pen are available in all 150 colours of the big colour card and 100 colours of the Jeans colour card.

Through transmittal of textile samples it is possible to produce special colours.



FOR EACH REQUIREMENT APPLICABLE SOLUTION WITH FLOCKENHAUS TEXTILAN-PEN

Seit 1865

Textiles Pen - Retouching Pen for textiles	Pen with stripe width approx.	Pen are refillable	Bottled	Base	Good applicable for:
TEXTILAN PEN 	 0,5 mm  1-2 mm  5 mm	Yes	<ul style="list-style-type: none"> • 250 ml • 1000 ml 	Solvent base	Darken / cover bright mistakes in suitable shade of color.
TEXTILAN VALVE PEN - WHITE   	 0,6 mm  0,4 mm  1 mm	Yes Yes No	Textilan Ink no.1 <ul style="list-style-type: none"> • 250 ml • 1000 ml 	Solvent base	Brighten darker mistakes. After drying the equalized place can be covered with a suitable Textilan Pen in the required tone.
TEXTILAN-PEN RS   	 0,6 mm  0,4 mm  3 mm	No	---	Solvent base	Good covering power through pigment based ink. Brighten darker mistakes.
TEXTILAN-PEN RS-W  	 0,6 mm  0,4 mm	Yes	250 ml	Water base	Ink on pigment base, brighten darker mistakes, Darken / cover bright mistakes.

The Textilan Pen are available in all 150 colours of the big colour card and 100 colours of the Jeans colour card. Through transmittal of textile samples it is possible to produce special colours.

Burling pens

Burling- pens are the traditional artisan-media of the cloth and garment industry.

They are used for mending faults in worsted, sliver / carded yarns and garments. Clothing factories use these products for retouching button-holes as well as repairing small faults in finished goods.

They serve to eliminate small faults and stripes. It is advisable to sharpen the point to a spatula shape before use and then to begin with retouching.

After retouching spread evenly with the palm or a piece of cloth to achieve a better transition to the adjacent area.

Available in all 150 colours! Colour shades on request.



Mark Textile Pen

- water based odour-neutral pigments ink
- without additional fixing, wash –resistant over 60°C
- solvent-free
- lightfast
- stroke width approx. 2,0 - 3,0 mm und very fine 0,5 mm



Example of use:

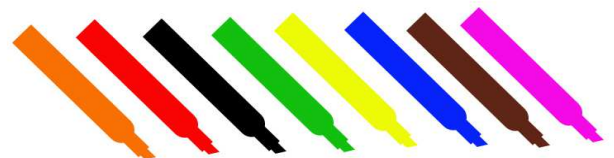
- To label, paint and sign of all textiles (cotton, silk etc.)
- For design of T-shirts, napkins, table covers and other textiles
- To contour-stitch for textiles

Textiles must be washed before marking.
Keep the Mark Textile Pen in a horizontal position.

Colours:

- orange,
- red,
- black,
- green,
- yellow,
- blue,
- brown,
- rumba-red

Each colour can be prepared on the wishes of the customer.



MARK Textile Pen

Auswaschbar Water Erasable A150

- Water soluble fabric marker used for temporary marking for memo writing, design drawing, embroidering, sewing etc.
- washable from most fabrics.
- Drawings are easily and quickly erasable by water.
- It can write on paper, cloth, wool, wood, plastics etc.
- Thin tip for fine lines 0,5 mm and 2-3 mm.
- Colours: yellow, orange, red, green, blue, silver, black
- Each colour can be prepared on the wishes of the customer



UV - Black Light Preparations

UV Marking Pen

By contrast, UV-marking pens are in the form of thick “wax crayons” something similar to felt tip pens. The marking pens serve to mark the desired position, and the mark thus applied is then pressed or ironed with a warm iron, so that the wax melts and diffuses into the cloth. After this stage, the mark is not visible to the eye. Naturally, such UV-cartridges or marking pens can be used only with woollen or wool/mixture fabrics. The wax must be absorbed by the fibres and wool does this best of all.

If such UV-preparations were applied to pure cotton or pure polyester fabrics, a stain would inevitably remain after pressing.



UV Textilan Ink

Ultraviolet tinctures for permanent marking of textiles. Available as refillable pen in two sizes:

- Pen with fine point approx
 - Pen with broad point approx
- Refill in 250 ml and 1 litre bottles available.



In the case of UV-inks and the necessary accessories, it is the author's opinion that this is the best, cheapest and simplest method of UV marking. “Textilan-UV-luminescent dyes”, filled with UV-Textilan ink, resemble know felt tip pens. Before marking, simply remove the cap and mark the desired position and that is the end of the job. The ink is absorbed by the cloth, i.e. it adheres and is invisible.

Obviously, the fabric should not have been intensively treated beforehand with optical brightener, since this itself illuminates under UV light. After the marking operation, the cap should be replaced on the pen to prevent the UV-ink from evaporating.



UV-INKS based on water-borne systems

UV inks No. 3633 and 4885

The formulations of inks No. 3633 and 4885 are based on water-borne systems. The ink/pen can be used for marking and work better on well absorbing surfaces. The UV inks 3633 and 4885 are milky-white and UV Valve pen are filled with. The marks adhere excellent. Under UV-ligth (366nm) can be well seen and shine in green or red. Available as UV Valve pens and in pump bottles.

The inks to refill are delivered in:

- 50 ml bottle
- 250 ml bottle
- 1000 ml bottle



Pump bottle with spray is available in:

- 50 ml bottle with atomizer. Spray volume per stroke : 0,5 ml +/-0,2
- 250 ml Pump bottle. Spray volume per stroke : 1,2 ml ± 0,1
- 1000 ml Pump bottle. Spray volume per stroke : 1,2 ml ±



Caution:

- Protect against frost!
- Ink and Pens shake well before use!
- Please test before use!



- Pens shake well before use. In writing position, press down repeatedly on nib until ink appears.

UV inks No. 4886 and 4887 are based on water-borne systems

The formulations of UV inks No. 4886 and 4887 are based on water-borne systems. The pens can be used for marking and work better on well absorbing surfaces. The UV inks 4886 and 4887 is clear and is filled in a UV pens. The ink adheres well to the surface. Under UV-light (366 nm) the marks are easily visible and shine in blue or green. The inks to refill are delivered in:

- 50 ml bottle
- 250 ml bottle
- 1000 ml bottle



Pump bottle with spray is available in:

- 50 ml bottle with atomizer. Spray volume per stroke : 0,5 ml +/-0,2
- 250 ml Pump bottle. Spray volume per stroke : 1,2 ml ± 0,1
- 1000 ml Pump bottle. Spray volume per stroke : 1,2 ml ± 0,1

The UV-pens can be refilled. The filter, writing head and cap of the pens, which can also be replaced, can be delivered separately.

The UV marker 4886 is capable for marking the starting line during thin layer chromatographically analyses (TLC).



Caution:

Please store pens horizontally at room temperature!

Protect against frost!

Ink Shake well before use!

Please test before use!

UV permanent Marker

UV permanent inks to label, sign, paint nearly all materials :



Metal



Glass



Plastic



Wood

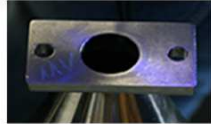
In ultraviolet light (366nm) the brilliant blue marking is easily seen. It is invisible in day light Permanent ink, wipe and waterproof, Xylol free, dries quickly (approx. 15-30 sec.)

Available as refillable pens and in pump bottles.

- Pen is refillable with a line breadth of approx. 2mm or 0.5 mm. Refill in 250 ml and 1 litre bottles available.
- Pump bottle (250ml) with atomizer produces very fine spray results.



UV permanent Tinte zum Kennzeichnen von fast allen Materialien:
UV permanent inks to label nearly all materials



Sichtbarkeit beim Tageslicht
Visibility under standard light

Sichtbarkeit unter UV Licht
Visibility under UV-light



How to use:

Different materials and their surfaces can be reliably marked with ultraviolet permanent ink. According to the surface, the printing can be seen in different intensities. However, this fact has no effect on the good readability of the marking under UV-light which is the actual demand on this pen.

UV Fluorescent Marker



UV Fluorescent Marker to label, sign, paint nearly all materials: Metal, Glass, Plastic, Wood and more...

UV Fluorescent Marking pen is a marker containing a combination of special ingredients suited for the use in the visible area of light (visual perception) as well as for the use in the UV area (366 nm). It is also suited to the use under black light.
Very high luminosity, when UV light falls on the marked object.

Available in:

- Yellow UV fluorescent Marker 4949
- Red UV fluorescent Marker 4848
- Orange UV fluorescent Marker 4747
- Blue UV fluorescent Marker 4646
- Green UV fluorescent Marker 4545



Permanent ink, wipe and waterproof, Xylol free, dries quickly (approx. 5 secs.)
Available as refillable pens (UV Fluorescent Marker) and in pump bottles.

Pens are refillable and available in sizes:



- Line breadth 2 mm - contents 8 ml
- Line breadth 5 mm - contents 8 ml
- Line breadth 10 mm - contents 20 ml



Refill in 100ml, 250 ml and 1000 ml bottles available.



Application:

Different materials and their surfaces can be marked safe with UV Fluorescent Marker.

Marker for Luminescence sensors


















Suitable for the especially developed sensors, which can be used individually for recognizing by UV fluorescence marks.

The UV customary markers, which can be recognized only in the ultraviolet light (black light), can be detected without any problems with the Luminescence sensors. Our fluorescence UV marker compared with UV customary markers (so also compared with our UV permanent marker) offers the essential advantage, that it can be recognized in the visible area (Daylight) for the human eye as well as under UV - light (black light) and for

Luminescence sensors.

Our newly developed UV fluorescence marker opens wide application spectrum and offers according to problem formulation the right solution.

For each requirement applicable solution with Flockenhaus UV Marker

	Base	Visible under UV Light	Visible under daylight	Water-resistant	Marking of materials	Well applicable for
 UV Textilan pen	Solvent based	 Blue	No	Yes	textiles wood	Marking of errors in textiles ; marking of buttonhole
 UV marker 3633	Water based	 Green	Yes (white)	Yes - sucking surfaces	textiles paper	Marking of errors in textiles; marking of buttonhole
 UV marker 4885	Water based	 Red	Yes (white)	Yes - sucking surfaces	textiles paper	Marking of errors in textiles; marking of buttonhole
 UV marker 4886	Water based	 Blue	No	Yes - sucking surfaces No - glazed surfaces water based	textiles paper wood	Marking of errors in textiles; marking of buttonhole; check of documents and money; check of cleaning; gemology and mineralogy; marking of starting line by thin layer chromatography; effect lighting.
 UV marker 4887	Water based	 Green	No	Yes - sucking surfaces No - glazed surfaces water based	textiles paper wood	Marking of errors in textiles; marking of buttonhole; check of documents and money; check of cleaning; gemology and mineralogy; marking of starting line by thin layer chromatography; effect lighting.
 UV Permanent marker	Alcohol based	 Blue	No	Yes	metal glass plastic wood	In the technical inspection, gemology and mineralogy; effect lighting in disco , theatre, promotion, check of documents and money.
 UV fluorescence marker	Alcohol based		Yes	Yes	Metal Glass Plastic Wood	Luminescence sensor; effect lighting in disco , theatre, promotion.

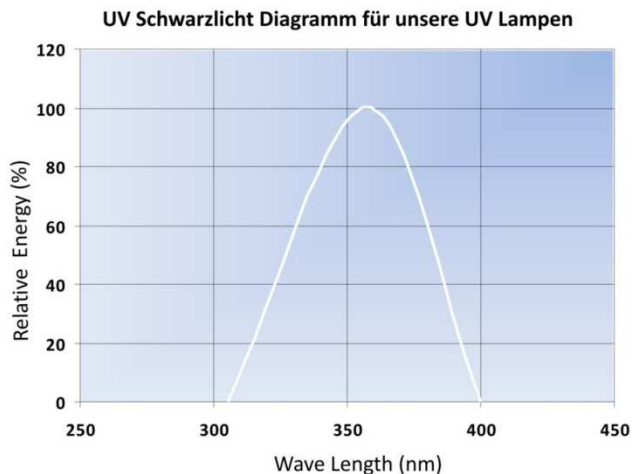
UV - black light lamps

In our offer you find for each range of application an UV lamp with the suitable UV area. Marks on the base of UV inks can be made visible with these lamps.

The UV lamps offered by us are optimally tuned to our UV ink assortment.

The long-UV-A light, often called as "black light" is used in:

- detection and analysis in the textile and chemical industries
- at the technical inspection
- Gemmology and mineralogy
- cleaning sector
- document check, banknote control
- effect lighting



UV LED Art. 396

- UV 12 LED's the new generation - extreme unblocked
- Small, practically and everywhere operational
- Last up to 100,000 hours (or about ten years)
- Decrease of electric costs by up to 90%
- Splash-water resistant
- UV range between 300 and 400 nm
- Mainline the spectrum: 368 nm



Characteristics:

Input voltage: 3xAAA
 UV Tube: 12 LED
 Dimensions:
 95x30Weight: 100 g

UV lamp battery operated Art. 341

Scanning-lamp with UV fluorescent lamp. Equipped with a UV fluorescent lamp, 4 AA batteries (Mignon)

Characteristics:

Input voltage: 4xAA
 UV Tube: 4 Watt
 Dimensions: 160x25x50 mm
 Weight: 100 g



UV Rechargeable battery Art. 340

Charging procedure:

For charging the lamp, use power cord which is located in the cord box close to the lamp position; connect powder cord with power supply plug of 220V. The correct power supply voltage will shown via a red light emitting diode. The complete charging time takes approx. 20 to 24 hours.

Application:

As potable light

Switch setting 1 = One lamp mode approx. 6-7 hours luminous period.

Switch setting 2 = Second lamp mode approx. 4-5 hours luminous period.

Characteristics:

Input voltage: 220V 50/60 Hz
 UV Tube: 2x6 Watt
 Dimensions: 325x80x125 mm
 Weight: 1600 g



UV handlamp 5000 Art. 349



- Full electronic ballast, 230 VoltUV
- UV (black light) 366 nm fluorescent lamp 8 Watt
- Compactly and inexpensive
- No lambency light
- 20% bigger light efficiency
- Handhold and cap with hexagonal
- Exchangeable fluorescent lamp
- Anti-glare reflector
- Swivel hook
- Ideally for examination of hardly accessible areas
- 5000mm connecting cable

Characteristics:

Input voltage: 220V 50/60 Hz

UV Tube: 8 Watt

Dimensions: 500x45x45 mm

Weight: 260 g

UV Table Lamp with stand Art. 399

The UV lamp is very flexible and adjustable on the workplace.

UV range between 300 and 400 nm

Mainline the spectrum: 368 nm

Characteristics:

Input voltage: 220V 50/60 Hz

UV Tube: 11 Watt

Dimensions: 840x300 mm

Weight: 1,90 kg



UV Table lamp with a table clamp. Art. 398

The UV workplace illuminator is very functionally with big agility and table clamp.

UV range between 300 and 400 nm

Mainline the spectrum: 368 nm

Characteristics:

Input voltage: 220V 50/60 Hz

UV Tube: 11 Watt

Dimensions: 840x300 mm

Weight: 1,90 kg



WARNING

Do not look directly into UV light during operation. Exposure to UV light can cause severe eye damage to humans and animals. Take every precaution to limit exposure to UV light (including the use UV-blocking eye protection). KEEP OUT OF REACH OF CHILDREN.

BiKo

 Easy removal of adhesive paper labels with BiKo Label Remover

How to use:

To easily and safely remove adhesive labels by using a refillable pen or pump-action bottle spread the BiKo-Label Remover evenly on to the label.

Mode of action:

BiKo-Label Remover penetrates into the paper and eliminates the adhesion of the label glue. After a short time the label can be removed easily without damaging the underlying surface.

All kinds of stickiness like superfluous glue disappear.



Example of use:

- Easier and safely removal of adhesive labels,
- prices etiquettes,
- address -and product sticker (e.g. from packets, drums, canisters, container)
- removes and solves labels and adhesive residues.



Available as refillable pens and in pump-action bottles: 250ml and 1000 ml.

Pens are refillable and available in two sizes:

- Line breadth 5 mm – contents 10 ml
- Line breadth 10mm – contents 20 ml

BiKo-R8

 is a paper label remover which was specially developed for removal of paper labels that based on water-soluble adhesives.

BiKo-R8 show a high activity while removing paper labels, which are based on water-soluble adhesives (cellulose, paste, glue, gumming). Because of their environmental compatibility (solvents poor respectively solvents free), there is a wide application spectrum for the goods and consequently a big application area for BiKo-R8.

Area of application:

- label remover
- city poster remover
- dissolution of wallpaper

Practical application:

Moisten the material, which should be removed (paper label but not plastic labels) with BiKo-R8.

After some minutes of residence time, the material can be removed with the help of mechanical aid.



FLOCK® Professional Cleaner

- For production, factory and household
- High cleaning effect against fat and oil – based dirt

Available in:

- FLOCK® Multi purpose cleaner
- FLOCK® Industrial cleaner
- FLOCK® Glass cleaner
- FLOCK® Cleaning emulsion
- FLOCK® Insect remover
- FLOCK® Hand cleaning emulsion



FLOCK® Multipurpose cleaner



Multi purpose cleaner
Allzweckreiniger

Field of application

- For industry and private household
- An all-purpose cleansing agent which removes dirt from surfaces and keeps them clean. Very high cleaning effect against fat and oil-based dirt.

Product features

- This cleansing agent contains compatibly tuned surfactants, ethanol and complexing agents.
- Does not contain phosphates.
- Easily biodegradable
- Due to the product's formula, this cleansing agent is alkaline.

Processing instructions

- The agent should be directly sprayed onto the surface to be cleaned, using an atomizer or a commercially available spray bottle. Allow the agent to work in for a moment and clean the surface with a moistened cloth.

A cleaning machine can be used alternatively. The agent should not dry up on the surface to be cleaned.

- Due to the alkaline pH value, the agent should not be used on aluminium materials.



FLOCK® Glass cleaner

Field of application

- Cleans surfaces made of glass
- An all-purpose cleansing agent which removes dirt from glass surfaces and keeps them clean.

Product fetures

- This cleansing agent contains compatibly tuned surfactants, ethanol and complexing agents.
- Does not contain phosphates.
- Easily biodegradable
- Due to the product's formula, this cleansing agent is alkaline

Processing instructions

The agent should be directly sprayed onto the surface which is to be cleaned, using an atomizer or a commercially available spray bottle. Allow the agent to work in for a moment and clean the surface with a moistened cloth. The agent should not dry up on the surface to be cleaned.



FLOCK® *Industrial cleaner*



Field of application

- An all-purpose cleansing agent which removes dirt from surfaces and keeps them clean, especially in production and workshop. Very high cleaning effect against fat and oil-based dirt.

Product features

- This cleansing agent contains compatibly tuned surfactants, ethanol and complexing agents.
- Does not contain phosphates.
- Easily biodegradable
- Due to the product's formula, this cleansing agent is alkaline



Processing instructions

- The agent should be directly sprayed onto the surface which is to be cleaned, using an atomizer or a commercially available spray bottle. Allow the agent to work in for a moment and clean the surface with a moistened cloth or directly by means of a cleaning machine. The agent should not dry up on the surface to be cleaned.
- Due to the alkaline pH value, the agent should not be used on aluminium materials.

FLOCK® *cleaning emulsion*

is a cleaning emulsion for hands, meeting highest requirements.



Right from the beginning we followed our philosophy to use only renewable and natural materials for the production of this product.

FLOCK® Cleaning emulsion is a mild and eudermic, alkali-free emulsion, nourishing your skin every time you use it.

FLOCK® Cleaning emulsion is free from any lumps which could block drainages and tubing.

Persistent dirt like e.g. oils, fat, soot, bitumen and oil-based colours can easily be removed.

Instruction for use:

Please do not dampen your hands!

Put FLOCK® Cleaning emulsion on your dry hands and clean them thoroughly, rubbing in the cleaning emulsion. Afterwards use some soap to emulsify it and wash your hands with water.



FLOCK® Cleaning emulsion does not only clean your hands efficiently, but also nourishes them every time you use this product.



