



Your Partner in Printing | Media and Systems



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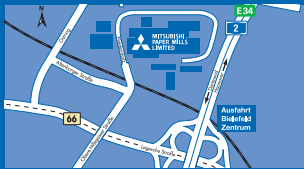


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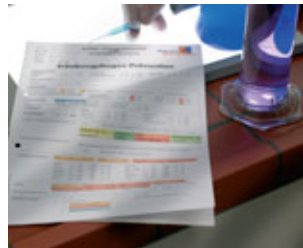
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Versatile – First Class – Excellent



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The papermaker's craft is a proud one. The manufacturing of this valuable material was always an art, a complicated process that required much skill and experience.

Today, more than 600 years after the founding of the first German paper mill and 1,400 years after the first paper production in Japan, nothing has changed in that respect.

At Mitsubishi HiTec Paper Bielefeld – one of the leading manufacturers for high-tech communication papers in the world – the know-how of a top-class papermaker unites with unique technical equipment. Supported by the product development, marketing, sales and logistics departments, this is a guarantee for innovation and progress. Mitsubishi Paper Mills Ltd in general and the Mitsubishi HiTec Paper Bielefeld GmbH and Mitsubishi HiTec Paper Flensburg GmbH subsidiaries in particular, stand for top-class quality and excellent service. Customers all over the world appreciate it.



Ten Good Reasons to choose *giroform*

Versatile

The *giroform* range includes both standard and speciality carbonless products. Nearly all forms requirements can be met using *giroform*.

High Quality

giroform is extremely resistant to bruising. The CFB middle sheet maintains high copy clarity and intensity even in multipart sets.

Practical

giroform has excellent sheet flatness. This enables high speed processing with minimal waste.

Economical

Excellent desensitisation can be achieved with low ink applications. Ink consumption is therefore significantly reduced. In addition to this, the potential for tracking is significantly reduced.

This all helps to ensure that forms desensitisation is very cost effective.

Helpful

The *giroform* team includes highly qualified technical advisors who are available at all times and at short notice.

Informative

Our "Technical Manual" and "Forms Guide" cover all aspects of forms production and are both available free of charge. Both publications are recognised throughout the industry.

**Market Oriented**

The *giroform* team works closely with machine manufacturers to ensure *giroform* meets the needs of the latest machinery advances.

Product Promotion

The *giroform* team helps to promote *giroform* in the market by working together with machine manufacturers. In this way, the advantages of designed and pre-printed forms can be promoted at exhibitions, customer presentations and by electronic media.

Partnership Philosophy

The *giroform* team offers a forms advisory service working together with individual customers. In this way, bespoke forms solutions can be created for specific applications.

Environmentally responsible

The entire *giroform* range is certified by the Nordic Swan. *giroform* users can show they are environmentally responsible by incorporating the Swan logo into their form design. Free artwork is available on request.



Quality and the Environment

Tried and Tested!

The quality of the carbonless copy papers of Mitsubishi HiTec Paper Bielefeld is clear. Long-term, satisfied customers all over the world prove that its quality is convincing. The TÜV certificate also proves that everything is done to produce good paper during production. We work according to a regularly updated quality management system which is checked by external auditors and certified according to ISO 9001:2000. It has been officially confirmed that the quality consciousness in our company is standard practice.



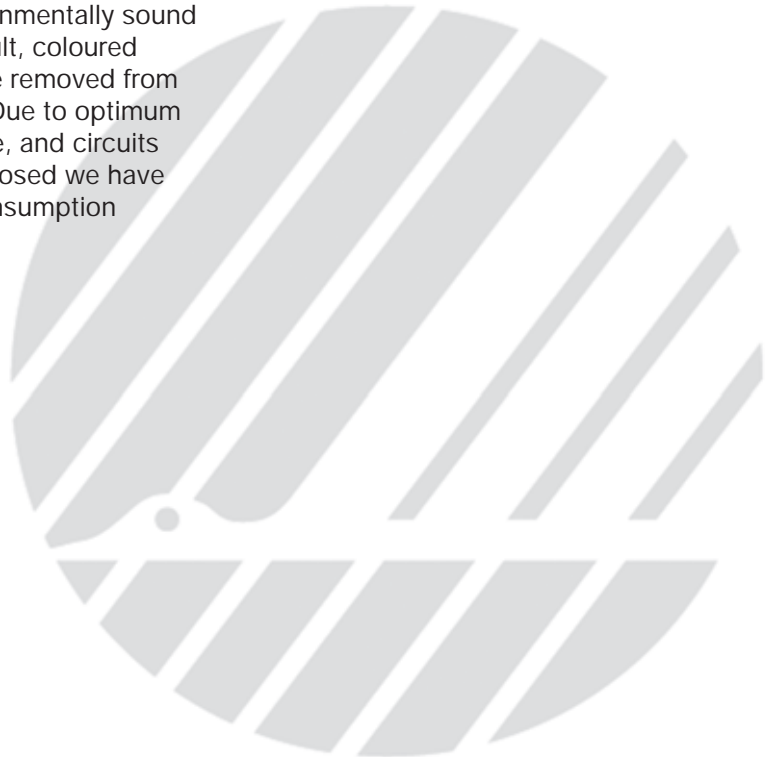
Environmental Protection at the Highest Possible Level

Paper manufacturers live from, and with, natural resources. We therefore have a special responsibility for the protection of our environment. Every customer can view our environmental guidelines, which go far beyond national and EU law, at www.mitsubishi-paper.com.

Our measures for the protection of the environment include environmentally friendly packaging management. Here we have reduced the packaging volume by up to 90 percent and the weight by up to 60 percent. Our products will not leave you with mountains of plastic and empty boxes. We only use separable, reusable, and completely recyclable materials. A voluntary pick-up service for pallets and pallet cover boards is available. Our range of accessories are supplied only in reusable, recyclable containers. We use only compressed air as a propellant. For the production of our *giroform* papers, we only use dyes that can be bleached using the oxygen process. These dyes ensure that coloured paper can be recycled using environmentally sound recycling methods. As a result, coloured *giroform* does not have to be removed from the waste paper collection. Due to optimum water treatment, multiple use, and circuits that are, for the most part, closed we have been able to lower water consumption considerably.

Nordic Swan

We are particularly proud of the Nordic Swan certification. This highly discriminating environmental accreditation of the international paper industry is awarded by the Nordic Council of Ministers for the Environment every three years where a sustained standard of production and products is proven regularly. The Nordic Swan is re-certified every three years – and the accreditation requirements get tougher each year. In December 1993, we were awarded the certificate for the first time for standard giroform products. In March 1994, we were the first manufacturer of carbonless copy papers in the world to receive the Swan certificate for our entire product range. We received the most recent Nordic Swan certification for our entire carbonless copy paper programme in the spring of 2006. We are still the only manufacturer worldwide whose entire carbonless copy range is Swan certified.



Carbonless form sets...

- ... can be used everywhere, not just in the office*
- ... save time (originals and copies are created in a single pass)*
- ... reduce the risk of forgery*
- ... avoid confusion with the original (copies are clearly identifiable as carbonless copies)*
- ... enable a colourful design and free, lasting advertising*
- ... can be partially desensitised; only intended recipients get the information*
- ... can be numbered using the crash printing method guaranteeing a consecutive numbering of originals and copies*
- ... reduce postage (usually lighter paper is used for carbonless sets than for laser printing)*
- ... are flexible (different paper weights and paper sizes can be combined in one set)*

And many more advantages:

- > *Coloured paper can be used for copies, which guarantees security during distribution.*
- > *Signatures on carbonless copies are legally recognised.*

Our Products

giroform stands for the highest quality and a comprehensive range of products. Because of this, the *giroform* range of carbonless papers has been preferred by discerning printers and end users for years. The characteristics of *giroform* include excellent runnability, high copy intensity and excellent line definition, in addition to outstanding printability. *giroform* papers are high quality, high performance products. They are available in white and up to five different colours in a range of sizes in reels, sheets and precollated sets. We also supply the corresponding accessories, such as self separating adhesive. *giroform* is capable of producing carbonless copies for up to 5 years, and the carbonless copy itself lasts for ten years. In addition to the standard product, the *giroform* range includes products for specific applications, and includes ULTRA, DIGITAL, DEKA, OCR and SECURITY. The entire *giroform* product range has been awarded the Nordic Swan for total environmental compatibility. Production is in accordance with the requirements of the ISO 9001:2000 quality management system.



Applications

The standard applications include continuous forms such as consignment notes, delivery notes, combination forms, order forms, medical bills, and industrial quick separation forms with high print runs such as repair orders, delivery notes, shipping orders and individual sales receipts.

Good to Know

- Available in white and up to five additional colours
- Reels and sheets are available in an extensive range of sizes
- Modern, environmentally friendly packaging concept
- Excellent running properties
- High copying intensity with strong contrast and excellent line definition
- Copying capability for up to five years
- Durability of copy for up to ten years for all types

The following *giroform* products have been developed for specific applications.



giroform ULTRA

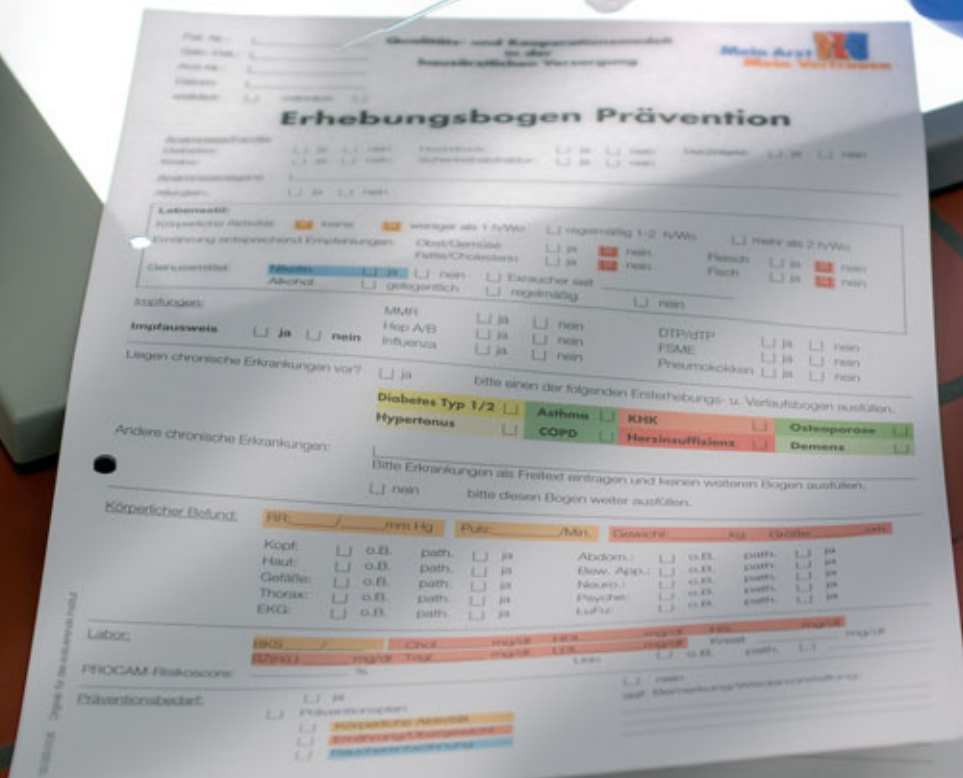
Applications : ULTRA

Continuous forms requiring excellent visual characteristics (invoices, quotes), individual forms such as insurance applications, stationery forms and quotes.

Good to Know

giroform ULTRA is a particularly high quality product within the *giroform* product range. It is manufactured with improved opacity and equipped with excellent printing properties, especially for high-performance printing with customised sizes. The high white natural paper surface of the top sheet lends itself to the production of sophisticated forms. With *giroform* ULTRA, every well designed form presents an excellent image!

- Both black and blue copy available
- High white, high quality top sheet with excellent opacity
- Natural paper surface
- Both non collated and precollated



giroform DIGITAL

Applications : DIGITAL

For a perfect document handling to produce personalised forms in units. For the production of individual forms with maximum security demands

Good to Know

- Offset printable for pre-print
- Middle- and bottom sheet easy to desensitise
- Suitable for all printing systems
- Duplex printable
- Excellent run ability characteristics
- No jams due to physical deformation after fusing
- Excellent toner adhesion = Security
- Excellent ink reproduction
- Suitable for Fan-apart application with Standard giroform glue

Applications : DIGITAL SC

Black copy
A single ply carbonless copy paper

Good to Know

- Requires no special top or bottom sheet to create a copy since pressure "in and of itself" creates the copy
- Permits the use of any initial sheet, such as corporate stationery
- Ensures easy and secure handling



giroform DEKA + DEKA CB

Applications : DEKA

Receipt printer sets for ribbonless printing systems, copies for cashier till rolls, stationery sets with a top sheet made of stationery paper (for example water-marked paper), universal forms as a copy of A4 sheets, proven for special applications like credit card forms or data mailers.

Good to Know

Quality black copy products for use with plain paper top sheets

- Very fast copy development
- Forgery-proof, temperature-resistant copy
- Optimum physical properties
- High opacity, stiffness and strength
- High process security for self-separating adhesion
- Excellent desensitisation ability
- Problem-free microfilming
- Good age resistance

Applications : DEKA CB

In combination with *giroform* CFB or CF, giroform DEKA CB enables the use of any initial sheet and is suited for ribbonless printing in the case of multipart sets, such as credit card and weigh bridge tickets when used as the top sheet.

Good to Know

- Equipped with two microcapsule coatings



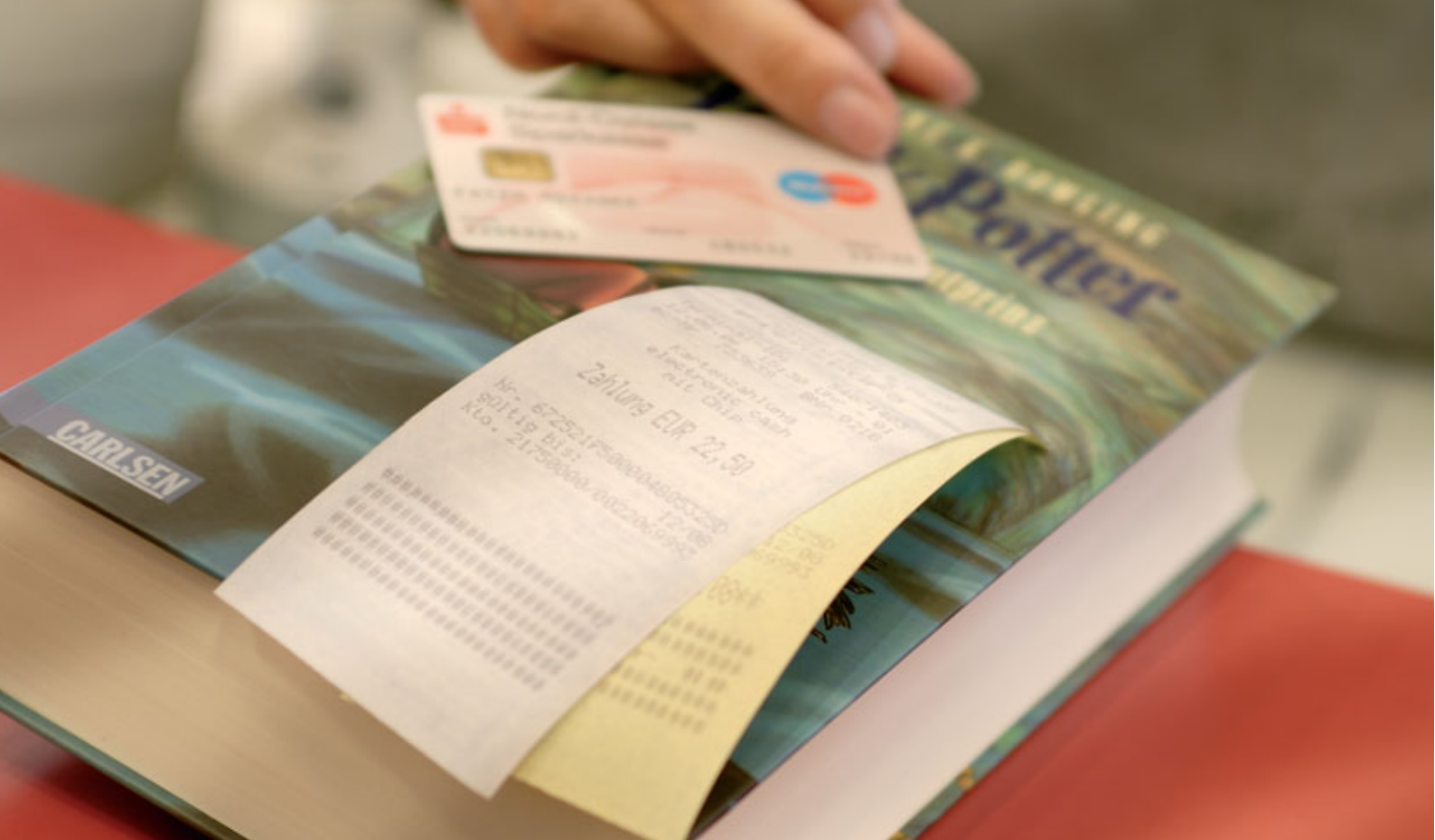
giroform **OCR**

Applications : OCR

Designed for use with applications where data is automatically read via the use of optical character recognition (OCR) reading machines. Typical applications include forms for cashless payment transactions, data collection or examination marking forms.

Good to Know

- High white top sheet
- Carbonless copy is OCR readable
- Very fast copy development
- Excellent copy clarity
- High opacity
- Age and temperature resistant copies
- No change in the copy colour after the copy develops
- Can be photocopied
- Can be microfilmed
- Forgery-proof copies
- Secure readability in OCR reader



giroform SECURITY

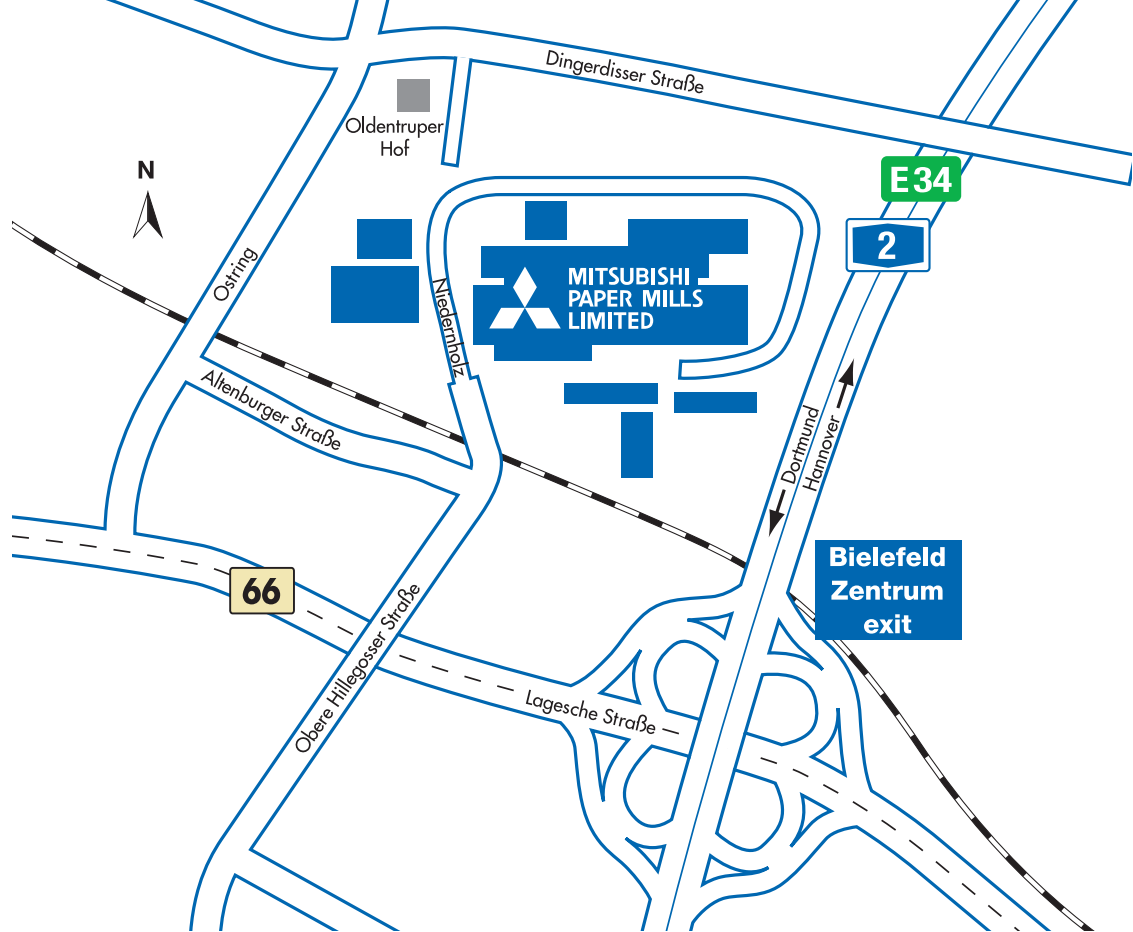
Applications : SECURITY

Cheques and documents requiring a high level of security

Good to Know

The carbonless copy security paper available in white with a black copy for cheques and other forms that must have a high degree of security against forgery.

- Security against forgery as a result of the use of special security dyes within the base paper
- A visible reaction occurs following the attempt of forgery with chemicals and solvents



We Are There for You

Mitsubishi HiTec Paper Bielefeld stands for extremely high quality and international service. We are represented globally, and details of your local contact can be found below.

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Challenge us. We look forward to hearing from you.

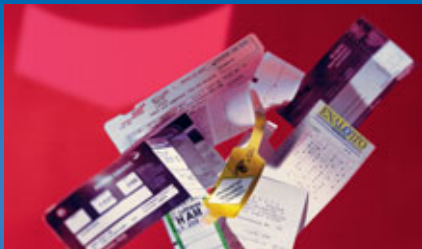
Credits

Co-ordination: Mitsubishi HiTec Paper Bielefeld GmbH
Text/design: www.buero3.de
Date: December 06

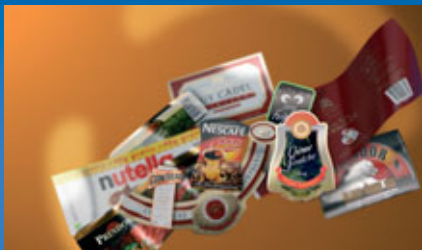
 **Mitsubishi HiTec Paper Bielefeld GmbH**



jetscript



thermoscript



supercote



giroform

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