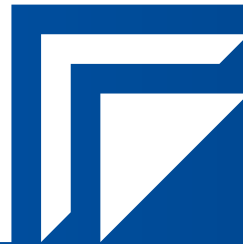


# CONTRACT



**Carbonless Paper**

# Mitsubishi HiTec Paper

## Passion for First Class HiTec Papers

As a leading international supplier of direct thermal, inkjet, carbonless, label and barrier papers, we produce first class coated speciality papers for many applications and printing technologies. Our HiTec papers combine decades of know-how with state-of-the-art coating technology and professional converting equipment.

The responsible handling of resources is particularly important to us. We manufacture in the framework of an integrated management system (ISO 9001, ISO 14001, ISO 50001). Our locations in Bielefeld and Flensburg are FSC® and PEFC™ certified.

We are a flexible medium sized enterprise within the international Mitsubishi Group. Consistent research and development is the foundation for great innovation. We develop individual, customized solutions for our customers. We offer the best global sales network and technical service to our customers all over the world.

- > Huge experience and competence in paper making
- > State-of-the-art coating technologies and formulations
- > German-Japanese Research & Development
- > Wide range of products
- > Excellent Technical Service
- > Worldwide Sales Network
- > High innovative power
- > Made in Germany



» Quality paper is the foundation.  
Incomparable added value is created  
by excellent coating. This is our  
passion: First class HiTec Paper. «



# Proven.

## Certified carbonless paper

We have been producing the world-renowned Giroform range of carbonless papers since 1979. The range is made up of standard grades and speciality grades and is manufactured in our mill in Bielefeld. The brand name Giroform stands for high quality carbonless papers – black copy on a wood free base paper. Giroform fulfils all of our customers' requirements, is FSC® and PEFC™ certified, as well as especially environmentally conscious.

All Giroform carbonless papers offer a high level of application safety and ease-of-use: from the printing process through further processing to disposal, being entirely recyclable. Of course we are ISO 9001, ISO 14001 and ISO 50001 certified.

Mitsubishi HiTec Paper was the first carbonless manufacturer to develop a product for digital printing, approved by well-known OEMs. In 2016 we introduced Giroform DIGITAL ONEforALL – a new universal 80gsm carbonless paper for the digital production of personalized forms and documents: flexible and adaptable.

### AT A GLANCE

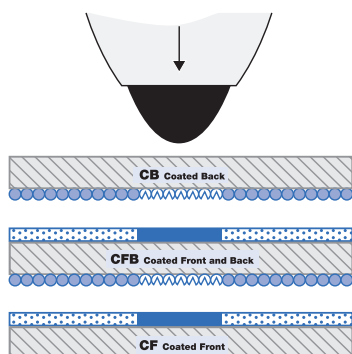
- > Practical, wide range
- > Good running and processing properties
- > Excellent copy
- > Outstanding line sharpness
- > Great printability
- > Copy lasts up to 10 years
- > Available in white and 5 tints
- > Available in reels, sheets and pre-collated sets
- > FSC® and PEFC™ certified
- > Made in Germany
- > Worldwide technical service & sales
- > Accessories available

## GOOD TO KNOW

All Giroform carbonless papers are FSC® and PEFC™ certified



### Functioning Principle of Carbonless Papers



Writing pressure causes the microcapsules to burst and they release dissolved colour formers onto the receiving layer of the sheet below, producing a clear copy.



# Diverse.

## Top quality carbonless paper

In Giroform, we offer a wide range of practical products: all top quality elemental chlorine free standard and speciality grades. Giroform carbonless paper is distinguished by good running characteristics, an excellent copy, outstanding line sharpness and great printability. Giroform is available in reels, sheets and precollated sets.

Copyability is guaranteed for up to five years and the copy is guaranteed to last for up to ten years.

### Giroform CLASSIC

For all kinds of forms, e.g. logistics documents

- > Available in white and up to five tints
- > Excellent running characteristics
- > High copy intensity with strong contrast and excellent line sharpness
- > High processing reliability with self-separating gluing
- > Excellent desensitisation

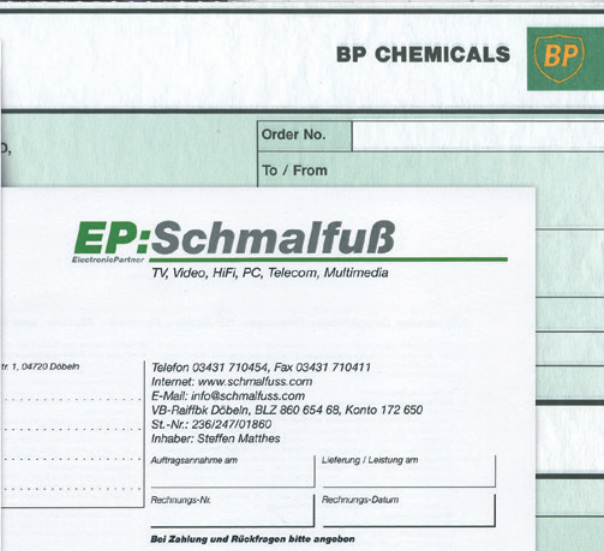
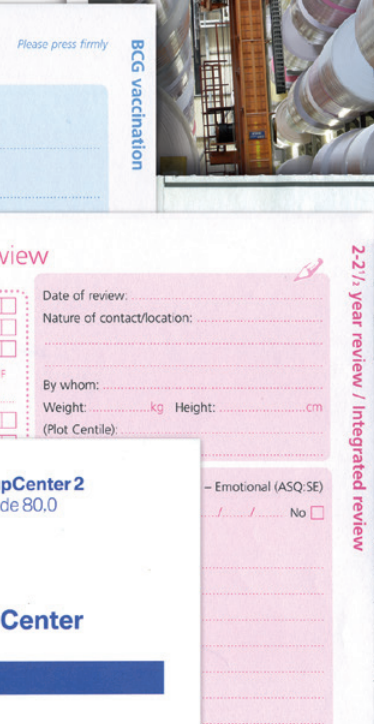
### Giroform ULTRA

For demanding documents e.g. business forms

- > High white top surface
- > Increased opacity
- > Excellent printing characteristics
- > Ideal for more demanding sheet printing
- > High processing reliability with self-separating gluing
- > Excellent desensitisation



High racking for interim storage of the jumbo rolls. Fully automated and air conditioned.





giroform 

# In addition.

## Specially designed Giroform Accessories

If required, we can supply various accessory products to go with our range of Giroform papers. Fanapart adhesive, desensitising ink, test spray or test pens.

➤ **Giroform Fanapart Adhesive**

For the production of Giroform self-separating sets.

➤ **Giroform DEKA Fanapart Adhesive**

For the production of self-separating sets printed on Giroform Deka and plain paper.

➤ **Giroform Desensitising Ink**

For the prevention of a copy forming in certain areas on the top surface of CFB and CF sheets in all types of forms.

➤ **Giroform CF test spray**

For the identification of desensitised areas on CF and CFB sheets.

➤ **Giroform CF test pen**

For the identification of the top or receiving side of the sheet.

➤ **Giroform CB test pen**

For the identification of the capsule coated reverse side of the sheet.





# Good to know.

## Technical information about carbonless papers

When using Giroform CLASSIC CB 52 gsm, CFB 51 gsm and CF 53 gsm a good **copy** can be achieved as follows:

- > Hand writing 4–6 parts
- > Matrix printer 3–8 parts
- > High speed printer 3–6 parts

With correct storage, the paper's **ability to produce a copy** is guaranteed for up to five years.

**Resistance to ageing** and therefore the durability of the copy is guaranteed for at least 10 years (at constant temperature of 18–24 °C and relative humidity of 40–60 %). Archive samples have shown that **long-term storage** of at least 25 years can be expected if stored absolutely correctly.

Giroform is compatible with all common **printing processes** such as high / dry offset, wet offset and flexographic printing. Giroform DIGITAL ONEforALL is suitable for all popular toner digital printing systems, black and white copiers and printing systems in the Business Solution sector and is approved by HP Indigo.

Self separating sets can be produced easily using the special Giroform **fanapart adhesive**.

A copy can be prevented from forming in certain areas of a form. For this, please use the original Giroform **desensitising** ink, and the specially developed Giroform test spray or test pen to test the desensitized areas (as well as normal copy tests).



## Further information

For more information on Giroform carbonless papers please see the download centre on our website [www.mitsubishi-paper.com](http://www.mitsubishi-paper.com)

- > Giroform grade overview
- > Giroform DIGITAL ONEforALL brochure
- > Giroform Technical Handbook
- > Giroform Accessories - Product information
- > Giroform Accessories - Processing instructions
- > Giroform Standard sheets specs
- > Giroform Standard reels specs

Or write to us:  
[technical.service.mpe@mitsubishi-paper.com](mailto:technical.service.mpe@mitsubishi-paper.com)

As a responsible manufacturer, we strive to produce and process our products in the most environmentally friendly way and to the highest standards of quality. We take our social responsibility seriously and are active in various environmental associations and organizations. Complying with and conforming to rules and regulations goes without saying. Social commitment is an important part of our corporate culture.

**Certifications:**

- > FSC® Chain-of-Custody
- > PEFC™ Chain-of-Custody
- > ISO 9001
- > ISO 14001
- > ISO 50001



**Memberships:**

- > B.A.U.M.
- > ChePap Rhine-Ruhr
- > Klimapakt Flensburg
- > Ökoprofit Bielefeld
- > Two Sides
- > Wirtschaft pro Klima



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