

naturally



GRÜNPERGA

NATURALLY. FEELS GOOD



WELCOME TO GRÜNPERGA

A pure natural product made from plant fibers and water. Perfectly mixed, dried and finely milled as always. One of the most beautiful and useful materials in the civilized world. A material of the future – because in a world where raw materials are beginning to decline and plastic never degrades, there are a thousand new applications for paper.

Here, in the green valley by the river, we create many different kinds of transparent, grease-proof and creped special papers. They are food-safe, biodegradable and compostable. The energy for our paper production comes from our own modern power plant. After we use the water it flows back into nature, unpolluted. Unused paper scraps go back into the cycle, and the air of the Erzgebirge mountains stays clean, too.

Maybe you've already used Grünperga paper yourself today? As transparent windows on envelopes and cap seals for breakfast spread. As filters for your fresh coffee, bakery bags, food wrap and packaging for chocolates; around new shoes, as eyeglass cleaners and childproof medicine packages. It's everywhere. You've gotten used to it without even noticing. Enjoy it a little bit more.

GLASSINE

A BRILLIANT APPEARANCE

GRAMMAGE 25 – 115 g/m² STYLES bleached, unbleached, dyed or opaque; easy-slide and embossed All kinds suitable for direct contact with food, approved as per Rec. XXXVI of the BfR and FDA



TRANSPARENCY AND SOPHISTICATED BRILLIANCE

Glassine made a big splash as a candy bag in the era before plastic. The sheets between photo-album pages will probably go down in history, too. Today, these whisper-thin flexible membranes are popular as composites that can safely be used in modern packaging. These fine special papers are suitable for many new and exciting applications in the food and processing industry.

Glassine uses pure cellulose. When bleached, it can be crystal-clear or opaque; unbleached, it can be transparent or else tinted a lovely brown or black. A supercalender compresses and smoothes the paper into highly compressed, whisper-thin sheets. These luxury glassine products have an especially sophisticated look when combined with a spiderweb, linen or iris texture. It is used for packaging high-quality chocolate truffles, for instance.

Glassine is lightweight and flexible; it allows optimal printing with every process; it can be creased, cut, embossed and glued with perfect precision. It is especially well suited for layering and lamination.

Glassine is pure, breathable, translucent, flavorless and naturally grease-proof. Like a fine glaze, it protects sensitive materials from unwanted contact and dirt.

naturally – with a brilliant appearance.

SEALS TIGHTLY AND PROTECTS

GRAMMAGE 30 – 80 g/m² STYLES Styles bleached, unbleached, easy-slide All kinds suitable for direct contact with food, approved as per Rec. XXXVI of the BfR and FDA



Our many-faceted grease-proof Grünperga paper is an ideal alternative to real parchment paper, which is very complicated to manufacture. Customers all around the world value this clean material. It can be precisely modified, which makes it popular for use with foods of all kinds: as inserts and transport packaging for fresh sausage and cheese, as safe cushioning for sweets, as water-proof flower packaging and even as sturdy muffin and baking forms.

RELIABLE + CLEAN

Our substitute parchment is a natural talent. It protects packages and sells items without burdening the environment. Its outstanding ecological quality and practical applications give it enormous potential for the future. GRÜNPERGA's substitute parchment is grease-proof, water-proof, breathable, unscented and unflavored, flexible, smooth and allows for stable shaping, all at the same time.

The paper is very easily printed, using offset, flexographic and gravure printing; it can be coated and processed without af-

fecting the form or dimension. Today's developers and designers are already relying on this many-faceted natural material in their projects and using it in new applications. For instance as a protective coating for brand-new cars – as an alternative to plastic wrap. Like our glassine, this grease-proof paper is an ideal alternative to plastic because it is just as compostable and biodegradable. Grünperga supplies paper to customers on every continent in the world – with a clear conscience.

naturally – it protects.

CREPE PAPER

THAT CLARIFIES EVERYTHING

GRAMMAGES 35 – 120 g/m² EXPANSION 1 - 15% STYLES bleached, unbleached



LIGHTWEIGHT, SOFT & ABSORBENT.

When a still-damp, smooth paper sheet is compressed using a scraper, crepe is produced. It feels soft and smooth, and it is amazingly firm despite being very absorbent. It can also expand by up to 15 percent. The finest types are most suitable for use as bathroom tissue, paper filters, cleaning cloths and coffee filters. Higher grammages are used for technical purposes and as outstanding, shock-absorbent packaging.

The spectrum of crepe products that we offer ranges from thin and translucent to stiff and structured. The grammage, absorbency and firmness can also be modified. According to the need, crepe can be made water-resistant or impregnable. This Grünperga product, too, has an extremely broad range of applications. For instance, it can be used as a base paper for coatings, for medical purposes and for expandable interleaving applications. Crepe from Grünperga does not compromise when it comes to eco-friendliness; it is a pure

natural product made from cellulose, and it is compostable and biodegradable.

Crepe paper is easy to cut, emboss and glue. It is elastic, acts as a cushion, quickly absorbs moisture and retains it. The fibrous structure of the filter papers retains certain particles without negatively affecting the filtered material in terms of taste or color.

naturally – that clarifies everything.

PAPER IS CULTURED

THE FINE GRÜNPERGA WAY



The ordering process includes a complete paper service package with:

- order confirmation and updates about the status of your order
- shipping, customs and warehouse management
- traceable computer documentation for each work step
- certifications that are applicable throughout Europe and worldwide

OUR WAY OF TREATING YOU

Our way of treating you – You can look forward to making personal contact with Grünperga's employees. Thanks to our streamlined administration and short paths, you will receive feedback very quickly. Enjoy our very customer-oriented, open and friendly way of working. We have a few things in common with our paper: we're honest, natural and open to new things. Rest assured: We won't be satisfied until you are too. Meeting deadlines and quality standards – You will receive your goods on the dot, in a series of timed batches upon request – fully documented, certified, customized and pa-

ckaged for shipping. We are proud of our good reputation in the industry.

Our customers can rely on the Grünperga management system, because it offers them transparency and control for all planning and coordination processes, procedures and sequences.

We hold a variety of certifications for the individual paper quality levels, according to the usage characteristics.

PAPER IS A LEADER

GRÜNPERGA AND THE MODERN AGE

LOCATION direct paths via the A4 and A72 highways to DRESDEN 65 km, LEIPZIG 100 km, PRAGUE 150 km, BERLIN 270 km, MUNICH 400 km, HAMBURG 500 km



PASSION AND KNOWLEDGE

Grünperga – we represent paper experience and generations of tradition. Once you experience the complex expert knowledge of our technicians, the skilled work of our machine operators and the consultations of our paper salespeople, you will know: it's not just about every day shift operations. It's about a passion for paper.

Paper is a constant in our healthy life cycle – Plastic takes 300 years to degrade. Awareness of our environment is an increasingly important issue. The world is demanding more environmentally friendly materials. Grünperga paper is the leader, because it offers decisive advantages:

- A timely alternative to plastic
- Made from 100% renewable raw materials
- Quickly and fully biodegradable
- Natural and food safe
- Environmentally friendly manufacturing

- Can be modified according to the necessary usage characteristics

- Outstanding processing and combination options

Excited about new ideas – Please ask us, the paper makers and developers, if you are looking for new applications or materials. We offer exciting variations, even within our existing product range, in terms of stability, appearance and running performance. We can also come up with interesting ideas for new developments – from modified raw-material mixtures to test runs. We are in the middle of Europe, which allows us to move quickly.

naturally – Paper is the future.

A WORD ABOUT THE EQUIPMENT



Paper equipment

- 2 Fourdrinier machines
- 1 Supercalender
- 2 Reel slitters
- 2 Embossing calender
- 2 Narrow reel slitter
- 1 Cross-cutter

Working widths

- 200 ...215 cm
- 210 cm
- 220 cm
- 100/115 cm
- 100/130 cm
- 130 cm

HIGH TECH IN GIANT DIMENSIONS

Paper production is still a handicraft, although it has long been carried out in high-tech mode. Grünperga is continuously optimizing its paper for the modern demands of a quickly changing market. In the last few years, the two paper machines were equipped with completely new technology, using the latest technologies

and materials from the fields of mechanical engineering and control technology. Special Grünperga papers are produced with a widely varying range of usage and processing characteristics – at top speed, with optimal reproducibility of the paper characteristics and low energy consumption.

GLASSINE

GRÜNPERGA - Crystal – Standard

for flexible packaging, lamination, window cardboard, candy packaging, envelopes | 25 – 115 g/m²

GRÜNPERGA - Crystal – Standard w/s (water-safe)

for flexible packaging of damp products, such as flowers | 30 - 80 g/m²

GRÜNPERGA - Crystal – Clear

lamination material for manufacturing high-quality composite materials | 25 - 60 g/m²

GRÜNPERGA - Super – Clear,

for envelope windows, stamp albums, medicine packaging, sheet protectors | 35 - 40 g/m²

GRÜNPERGA - Super – Opal

opaque quality for flexible food packaging, cushioned packaging for candy, and lamination | 30 - 80 g/m²

GRÜNPERGA - Crystal – Prägo

for making albums, for pastry and chocolate packaging; linen, silkworm or spider embossing pattern | 30 - 60 g/m²

GRÜNPERGA - Crystal - Natural (unbleached)

for lining baking pans, food packaging | 30 - 115 g/m²

GRÜNPERGA - Crystal

Raw wax paper | 32 - 50 g/m²

GRÜNPERGA - Crystal Kalaver

for lamination, soft flexible glassine quality | 32 - 50 g/m²

GRÜNPERGA - Crystal

in black and brown for sweets and luxury packaging, cushioned packaging, truffle cups | 30 - 80 g/m²

GRÜNPERGA - Crystal easy slide

special surface treatment allows for better punch processing and separation of individual pieces | 30 – 80 g/m²

GREASE-PROOF PAPERS

GRÜNPERGA - Flex

for flexible packaging like bags and sacks, in foldover format (without special grease-proofing) | 30 - 80 g/m²

GRÜNPERGA - Flex - Top grease-proofing

ideal as packaging paper for greasy products, suitable for manufacturing fine flutes (protection) | 30 - 80 g/m²

GRÜNPERGA - Flex - Top water-proofing

outstanding packaging basis for damp products to be packaged | 30 - 80 g/m²

GRÜNPERGA - Flex - Super-Top (water-proof, grease-proof)

a superlative product for damp and greasy foods, suitable for lamination | 30 - 80 g/m²

GRÜNPERGA - FLEX easy slide

suitable for manufacturing pastry and candy cups | 30 – 80 g/m²

CREPE PAPERS

GRÜNPERGA - Coffee-filter paper

unscented and flavorless for coffee filters | 40 - 58 g/m²

GRÜNPERGA T- crepe

a many-faceted filter paper for technical applications, for household use and for use in the food, medical and agricultural industry – the application determines the quality parameters | 60 - 120 g/m²

GRÜNPERGA - Bathroom tissue

suitable for paper hand towels, wet wipes, milking hygiene and the medical industry | 35 - 75 g/m²

GRÜNPERGA - Natron crepe

with many applications, for flexible packaging and interleaving sheets in the non-food area | 35 - 75 g/m²



GRÜNPERGA