

BILLERUD SACK KRAFT PAPER RANGE

PURE, STRONG AND SUSTAINABLE



HIGH QUALITY SACK KRAFT PAPER FOR FUNCTIONAL AND COST-EFFECTIVE SACK SOLUTIONS

Millions of tons of industrial products, foodstuffs and animal feed are packed in sacks made of Billerud's high quality sack kraft paper. And for good reasons. The paper is strong, hygienic and environmentally friendly – a natural part of the life cycle.

Billerud is a world leading supplier of sack kraft and sack solutions. To stay ahead, we invest considerable resources in research and development. And we make sure that our mills are always equipped with the latest technology to ensure high and consistent product quality. This is why we can offer the widest range of high quality sack kraft paper on the market, featuring excellent strength, runability and printability. What's more, our white and brown grades match each other and can be successfully combined in an array of sack designs.





Cement, building materials and minerals

Aided by air, valve sacks can be filled rapidly with cement and other powdered goods for the construction and mineral industries. This filling method places extremely high demands on the sack paper. But thanks to a unique combination of strength and porosity, Billerud's QuickFill products meet these high demands. In fact, the low air resistance of the paper means perforations are not needed. Ultimately, QuickFill paper sacks offer faster filling, less dust and lower paper weight per sack. Furthermore, when combined with PE free-film, an efficient moisture barrier can be created. All in all, it is difficult to find more cost-efficient packaging solutions than those provided by QuickFill paper.

Chemicals

Strength and porosity are also key features when packing chemicals into valve sacks. As a matter of fact, paper strength is the most crucial feature of all, particularly when handling dangerous goods. Our strong Performance and QuickFill grades will suit your purpose. PE coating or free-film are used for contents or climates requiring a moisture barrier.

Food

Sugar, flour, rice and potatoes all place different demands on the sack kraft paper and paper sack. Billerud has a complete range of sack papers suitable for the food industry – whether you require an open-mouth or valve sack. For foods with a high moisture level, not least potatoes, Billerud supplies wet strength sack kraft.

Animal feed

Paper sacks filled with animal feed are often subjected to rough handling and tough weather. That's why a well functioning sack is necessary for the feed to reach the farmers in a good condition. Thus, overall strength is of primary importance for the sack paper. For extremely demanding applications, a wet strength paper or a moisture barrier may be necessary.

Pet food

In the consumer market, the appearance of the sack is becoming ever more important. That is why excellent printability is essential. Billerud's wide range of white sack papers is ideal for these demanding applications. By combining strength and high surface smoothness, we are able to achieve the best possible result. Our papers also lend themselves excellently to efficient PE coating, when a grease and moisture barrier is required.

Consumer sacks

Garden fertilisers, seeds, pet food and ready-mix building materials are just a few examples of new consumer packaging requiring strong, attractive paper sacks. Here is where Billerud's complete sack paper range is designed to meet even your toughest demands. White clay-coated and white calandered kraftpaper is used when outstanding printability and appearance is required.



COMPLETE PRODUCT RANGE

Billerud's comprehensive selection of sack kraft papers has been specially designed to fulfil the requirements of a multitude of industries, materials, filling machines, climatic conditions and market exposure. Our White and Brown grades match each other for a number of important characteristics, allowing sack constructions with a brown inner and white outer ply.

Valve sacks

Our top of the range Brown and White QuickFill grades are designed for quick filling of powdered goods, where fast air evacuation during filling is crucial. These grades are primarily used for valve sacks in the cement, building material, mineral, chemical and food industries.

Open mouth sacks

For open mouth sacks, high stiffness is required for efficient filling. In our product range, you will find there are numerous grades offering the right stiffness. As an added bonus, they feature excellent runability in the sack converting machines, too. Our White and Brown Performance grades are most suitable for these applications.

Excellent printability

An excellent printing result requires an even, smooth paper surface. All our brown and white sack papers provide a perfect base for flexo printing. But when your application calls for exceptional printability, we are happy to recommend our coated and calendered grades. These can be used as the outer ply of the sack when an attractive appearance is important, as is the case with consumer sacks and pet food packaging.

Made for PE-coating

PE-coating properties are often vital. Thanks to their even profiles and suitable surface properties, all our sack papers feature superior coating possibilities, ensuring an effective barrier against moisture, grease and bacteria.

Runability for high speed sack production

All Billerud sack kraft papers feature the right strength, balanced moisture, thickness and grammage profiles. Combined with an even web tension, this ensures efficient performance in modern, high speed converting machines.





There are two principal types of multiwall paper sacks, valve sacks and open mouth sacks. The most common design is 2-ply sacks. Barrier plies are sometimes needed for specific applications.



PAPER STRENGTH IS ONLY ONE OF OUR STRENGTHS

Billerud's sack kraft papers are a blend of the very best raw materials, technology and manufacturing processes, allowing you to derive benefit from an array of strengths.

Strength

Pine and spruce are the raw materials used in the world's strongest sack kraft paper. Growing slowly in a harsh Scandinavian climate, these trees produce long fibres. In combination with our specially designed paper production processes, the result is an extremely strong paper. This means you can reduce the sackweight, while retaining its strength. In short, more sacks are produced per ton of paper.

Porosity

Valve sacks for quick filling of powdered goods must be highly porous. To this end Billerud has developed sack kraft paper with a unique combination of high strength and low air resistance. Some of the benefits are quicker filling, less dust, less paper per sack and reduced sack volume.

Tear strength

High tear strength is particularly important for sewn sacks as the needle holes might otherwise be the source of an initial rip. Our high-quality raw material and state-of-the-art manufacturing processes ensure a high tear strength.

Stiffness

High stiffness is an advantage both in sack converting and filling operations using open mouth sacks.



Billerud sack paper is among the strongest paper in the world. This is partly due to the long and slender fibres from softwood growing slowly in the harsh Scandinavian climate.





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