

Press release**Recyclable film solutions for stand-up pouches with spouts**

They're handy, stable, reclosable and suitable for liquid or pasty foods such as fruit purees – stand-up pouches with spouts. For the in-house production of pouches, SÜDPACK now offers a certified recyclable film solution that is also suitable for hotfilling and pasteurization. At Anuga FoodTec at booth B-028 in hall 8.1, SN Maschinenbau will be presenting a complete solution developed in collaboration with SÜDPACK and Menshen that includes recyclable film, spouts and a packaging machine.

Thanks to the use of PP-based high-performance films, the packaging concept is a strong alternative to conventional material structures in terms of both sustainability and performance. Its key characteristics? High material efficiency and recyclability, maximum product protection, easy processing and a high level of process reliability. An additional advantage – the practical pouches can be produced in-house on standard packaging machines, which makes them a cost-effective alternative to pre-made pouches.

Recyclable monomaterial

The pouches are made using high-performance films from the Pure-Line product family from SÜDPACK. The films are based on the polymer polypropylene and are therefore classified as recyclable. With the PP-composite, customers also benefit from the minimal use of resources while enjoying optimal pouch stability, low packaging weight and an improved carbon footprint as a result.

The PP spouts with MENSHEN LoTUS™ technology can be ideally connected to the pouches due to the coordination of the heat distribution and conductivity. When used correctly, this saves energy and ensures a cost-effective, high-quality and failsafe production process.

Thanks to the combination of PP-based films and spouts, the stand-up pouches are assessed as true single-material solutions and can be introduced into the appropriate material loops.

High level of product safety and packaging reliability

The SÜDPACK film offers a wide processing window, which makes it possible to securely seal in the spouts. An additional guarantee for optimal packaging quality is the excellent sealing strength, which ensures the maximum tightness and burst-pressure resistance of the pouches.

For optimal product protection, the PP-based film can be individually equipped with different barriers against water vapor, oxygen or UV light. Due to their heat resistance, the material structures are also suitable for hotfilling and pasteurization.

Efficient processing with a high level of process reliability and flexibility

At SN Maschinenbau's booth B-028 in hall 8.1, visitors will have the opportunity to see how SÜDPACK's recyclable PP film and Menshen's LoTUS spouts can be processed efficiently and reliably on an extremely compact pouch making machine. This will be showcased on SN's newly developed SPM 50.

The SPM 50 horizontal pouch making machine from SN Maschinenbau makes up to 4,200 pouches per hour and achieves with just one film reel continuous production of over 30,000 spout pouches per eight-hour shift. This is equivalent to an annual production volume of seven million spout pouches in one-shift operation and up to 21 million in three-shift operation. Thanks to its compact design, the low-maintenance and user-friendly machine can also fit in tight production spaces. This allows for its flexible placement either right next to the filling machine or on its own in a separate room.

Overall concept with real added value

All in all, the innovative overall concept is not only sustainable, but also particularly cost effective. On the one hand, producing pouches from roll stock allows for substantial savings in terms of storage space and logistics costs, and on the other hand, significantly reduces pouch costs. The total investment can pay itself off in less than one year. The in-house production of spout pouches with film from the reel also enables the needs-based production of pouches in different shapes and sizes as well as the processing of different spouts. This allows producers to quickly adapt to changes in demand and shortens their lead times and time-to-market.

About SÜDPACK

SÜDPACK is a leading manufacturer of high-performance films and packaging solutions for the food, non-food and medical goods industries and also of customer-specific compounds for technically demanding applications.

The family business, which was founded by Alfred Remmele in 1964, is headquartered in Ochsenhausen. The production sites in Germany, France, Poland, India, Switzerland, the Netherlands and the USA are equipped with cutting-edge plant technology and manufacture to the highest standards, including the capacity to operate under clean room conditions. The global sales and service network ensures a high degree of proximity to the customer and comprehensive application technology support in more than 70 countries.

With its state-of-the-art Development and Application Center at its headquarters in Ochsenhausen, the innovation-oriented company offers its customers an optimal platform for developing individual and tailor-made solutions and also for performing application tests.

SÜDPACK is committed to sustainable development and fulfills its responsibility as an employer and towards society, the environment and its customers. For its sustainable product developments and consistent commitment to a functioning circular economy in the plastics industry, SÜDPACK has received numerous awards. Further information is available at www.suedpack.com

About SN Maschinenbau

As one of the world's leading manufacturers of pouch packaging machines, SN Maschinenbau stands for high-quality and custom-made horizontally operating form, fill and seal machines (HFFS) as well as fill and seal machines (HFS) – Made in Germany. At the company site in Wipperfuerth near Cologne, approximately 300 employees develop customized packaging machines for the food, pet food and seed industries as well as for household, cosmetic and pharmaceutical products. SN is valued internationally by both large corporations and SMEs for the quality of its machines and packaging technology and can be found in nearly all renowned establishments. Further information is available at www.sn-maschinenbau.com

About Georg MENSHEN GmbH & Co. KG

The owner-managed, medium-sized family company is located in Finnentrop in the Sauerland region of Germany and is a global manufacturer of closures, plastic solutions and packaging systems. For more than 50 years, MENSHEN has been pioneering in the development, production and further processing of plastic closures and packaging systems. The company collaborates with strategic partners in the cosmetics, chemical, cleaning and food industries as well as in the packaging industry, in this case with SÜDPACK and SN Maschinenbau.

In addition to a competence center for special machinery and assembly and innovation centers for various closure solutions, the company has additional production facilities and subsidiaries in Switzerland, the UK, France, Spain, the USA, Mexico, Singapore, China, Columbia and Serbia. MENSHEN employs approximately 1,600 people worldwide, around 300 of whom are located in Sauerland. More information is available at www.menshen.com

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