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[lead]

Hanover, June 28, 2016 – Conveyor and processing belts with polyurethane coatings replace cotton or felt belts in bakeries

[Body]

For a long time, cotton or felt conveyor belts used to be the first choice

for dough processing. But it’s precisely these materials that tend to be a hygiene problem. Felt’s and cotton’s special surface qualities meant moist, sticky dough released itself easily from the belt. On the other hand, the belts are very hard to clean because they quickly absorb moisture and pieces of dough can then stick to the fine surface structure. Unwelcome growth of bacteria and mould on the conveyor belt are the frequent results. Another disadvantage is that they distort quickly. Forbo Siegling’s conveyor and processing belts of polyester fabric with polyurethane coatings provide a solution at last.

They can completely replace cotton or felt belts, as many bakeries already demonstrate.

The new E 4/2 U0/U3 NP-HACCP-FF blue FDA, art. no. 906835 was developed especially for the dough-processing industry. Belts with NP patterns (inverted pyramid patterns) are used on a large scale in the bakery industry. This pattern has excellent release properties when it comes to the dough. Where flour is used as a release agent for sticky types of dough, the flour attaches itself to the dips in the pattern, therefore ensuring very good dough release for a long period of time. Moreover, the belts can also be cleaned swiftly and without leaving any residue. Additionally the special fabric design reduces the risk of contamination of dough by frayed belt edges to a minimum. In contrast to cotton and felt belts, these belts comply fully with EU 1935/2004, EU 10/2011 and FDA regulations for plastics in direct contact

with foodstuffs. Smartseal, our belt edge sealing, offers extra protection on the edge of the belt. Practically this prevents bacterial or mould growth. Typical applications for the new laterally stiff belt are dough forming machines, proving tunnels, or general dough conveying. Furthermore, applications in the meat and poultry processing, or packaging sectors are also possible.

Forbo Movement Systems (previous called Siegling) employs more than 2,000 people globally in nine production sites and 25 international companies. Forbo conveyor and power transmission belts are used in nearly all industries, but also in the retail and services sectors. Key competencies are the food and packaging industries, logistics and airports, as well as paper, print and raw materials industries. The company was founded in 1919 in Hanover. Since 1994 the company has belonged to the Swiss company Forbo International. The products have been marketed since 2007 under the “Forbo Movement Systems” master brand.

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