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| Forbo Belts for High-End Foreign Body Detection in Food |

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[lead]

Hanover, Germany June 30, 2021 – Metal-detectable conveyor belt provides extra hygiene in production processes

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In order to guarantee the stringent quality demands in food production and processing, the sensitive products must contain no foreign bodies. In addition to meeting hygiene standards, detecting contaminants in food is another important factor. Foreign bodies can enter the production chain in all sorts of ways. In isolated cases, for example due to delamination, or rupture, particles of the conveyor belt used during production can also get into the food. Which is why identifying potential foreign bodies is important for compliance with HACCP concepts.

Forbo Movement Systems has developed the new Transilon E 4/H U8/U8 MT/MT-NA MD blue FDA (art. no. 906825) belt type for this purpose. The special belt design combines the low elongation of conventional Siegling Transilon fabric designs with the easy-to-clean design of homogeneous conveyor belts.

In addition to a metal-detectable, highly incision-resistant urethane coating, the new belt type has a matte surface on both sides with very good release properties, making the belt very easy to clean.

The patent-protected fabric design with longitudinal filaments in groups is a special feature. Cutting the belt to length between the warp-thread groups within the specified widths produces a sealed belt edge. This prevents bacteria and liquids from penetrating the carcass and the edges of the fabric from fraying.

The special fabric design also makes it an ideal troughed conveyor belt with a small end diameter of 40 mm.

Some OEMs for the dough-processing industry and many end users in the dough- and couscous-processing industry have already successfully tested the new Transilon belt and specified it as the standard belt to be used. Further applications are in the dairy industry, in the meat and poultry industry, or in the baked goods and confectionery industries.

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