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| |  | | --- | | press release | | page 1 of 2 | |  | | Belt Fabric Structure Means Excellent Grip and Release Properties | |

[lead]

[Body]

Not all conveyor belts are the same. Some belts are too thick and not flexible enough lengthways for applications where tight return radii are required. The right fabric structure can also play a key role.

Two new Transilon developments from Forbo Movement Systems make all the difference in this respect. Their top face coatings are made of silicone and they have a two-ply Frayfree fabric structure (Frayfree fabric minimizes fraying of belt edges), combined with an intermediate polyurethane layer. Compared with other coating materials, in addition to its excellent grip, silicone as a top face coating stands apart for its exceptional release properties. This belt type’s fabric structure also ensures very strong splices.

Both Transilon belts, one in white and the other in blue, have already been used successfully under particularly sticky conditions.

Due to its superior grip and release properties, the **E 4/2 U0/U/S2 HACCP-FF FDA blue** is ideal for processing ground meat and already being used in filling-flow dividers. The **E 4/2 U0U/S2 HACCP-FF white FDA** conveyor belt was trialed in the dough processing section of a pizza factory and impressed the customer with its outstanding grip and release properties there too.

The smooth silicone top face coating provides very good grip for a lot of products. Above all, this type of surface is very important for conveying on inclines and declines or for good product positioning. Both Transilon belts types are laterally stiff but very flexible lengthways, making them a good choice for small returns.

In addition to a large number of applications in the dough-processing industry, the meat and poultry, confectionery or packaging industries (film packaging), both belt types can, of course, also be used outside the food sector.

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