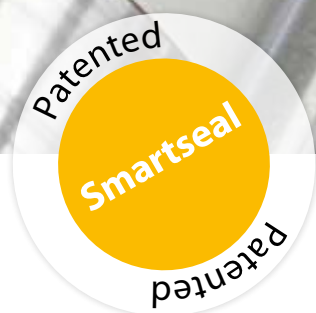




**siegling transilon**  
conveyor and processing belts

**Smartseal –**  
patented  
belt edge sealing  
to maximise hygiene



**Siegling – total belting solutions**

**forbo**

MOVEMENT SYSTEMS

# Smartseal

## Clean and safe sealing



In many areas of the food industry, sealed belts edges play a key role in ensuring **hygiene and efficiency**. And the new **Smartseal process** fuses the belt with the belt edge, making it extremely safe. **The sealing prevents oil, grease, moisture and bacteria from penetrating the conveyor belt from the sides, or pieces of fluff from the tension member sticking out and entering the food.** Thanks to the extreme suppleness of the sealing, belts sealed with Smartseal operate perfectly over knife edges.

The patented Smartseal process doesn't require application of any other materials. Sealing can be carried out without preparing the belt edge. Even thin single-ply belts can be sealed.

**Smartseal supports your HACCP concept in practically all areas of the food industry. For example in conveying dairy products, in meat processing, in the bakery and confectionery industries.**

### The principle



In the Smartseal process, a special press heats the edges of the belt. The melted section at the sides is reshaped, closes the fabric reliably and can even be repaired.



### The properties

very flexible



patented process, suitable for many belt thicknesses



homogeneous belting material



very good resistance to cleaning agents



resistant to high levels of mechanical stress



suitable for large belt widths and all materials



### The advantages

can operate over knife edges

thin single-ply belts can be sealed

very hygienic

many cleaning cycles possible without any impact on the belt quality

very durable

a wide range of types available



MOVEMENT SYSTEMS

Forbo Siegling GmbH  
Lilienthalstrasse 6/8, D-30179 Hannover  
Phone +49 511 6704 0, Fax +49 511 6704 305  
[www.forbo-siegling.com](http://www.forbo-siegling.com), [siegling@forbo.com](mailto:siegling@forbo.com)

Forbo Movement Systems is part of the Forbo Group,  
a global leader in flooring and movement systems.  
[www.forbo.com](http://www.forbo.com)