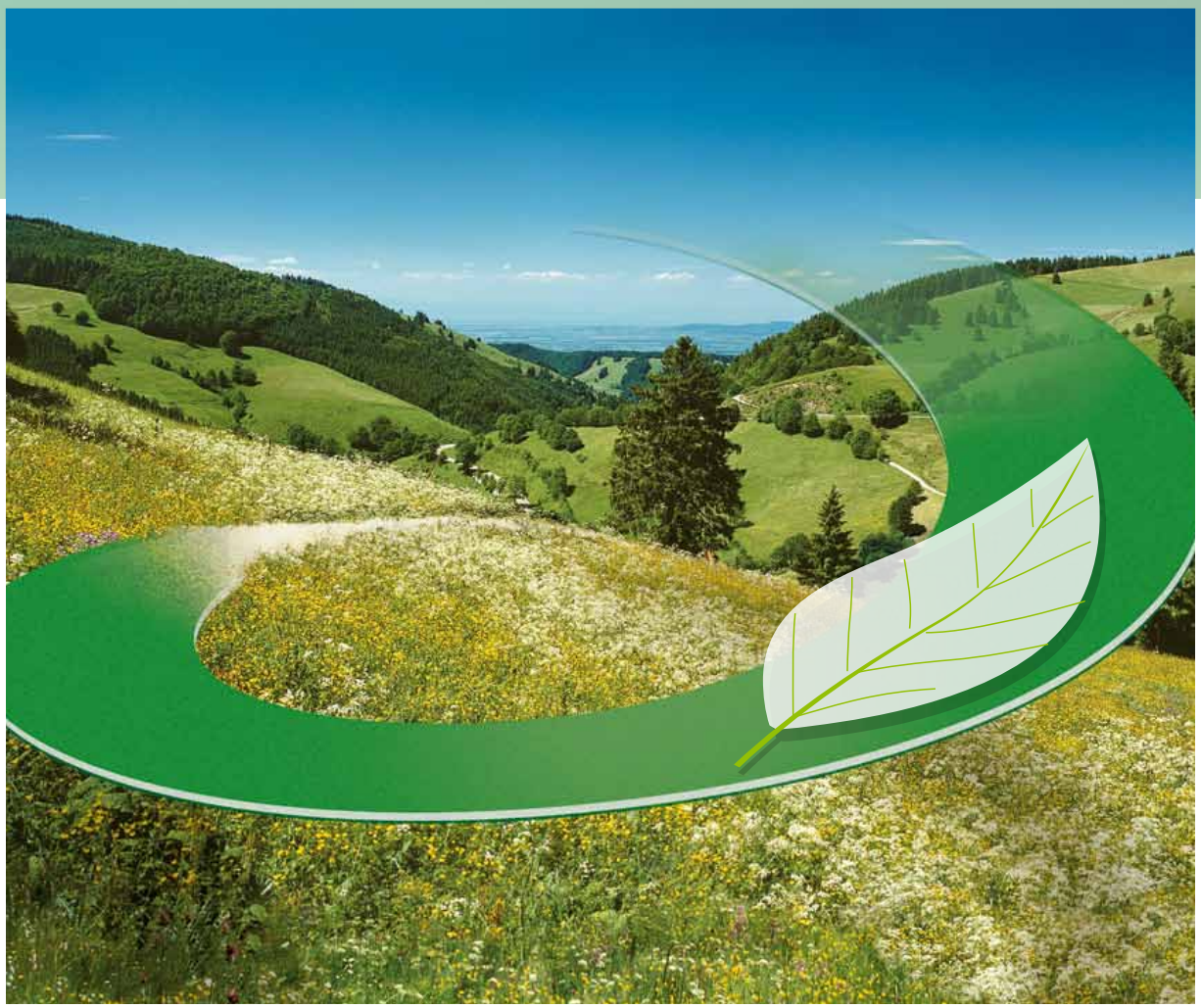
**siegling transilon**
conveyor and processing belts



# BIO BELT™
# THE GREEN INNOVATION

**Siegling – total belting solutions**

Forbo
MOVEMENT SYSTEMS

# BIO BELT™

**Green used to mean simply a conveyor belt's color. In Bio Belt's case the term refers to the belt's composition. Made of renewable materials and biodegradable, Bio Belt is now the eco-friendly alternative to traditional conveyor belting. Due to special energy-saving treatment, it also verifiably cuts energy costs and can easily replace standard belts in many applications.**

**Bio Belt is the right choice for any conveyor operators who adopt more than just a sustainability mindset, but consistently pursue a sustainability concept.**

**Bio Belt has been developed by a global team of researchers. At Forbo Siegling this team has pulled out all the stops to provide solutions that are geared to real-world conditions, maximize environmental friendliness and at the same time enhance the benefit the product offers.**

| The properties | The advantages |
|---|---|
| made of renewable materials | resource-efficient production |
| biodegradable | environmentally friendly disposal |
| patented, low-friction underside coating | up to 50% energy savings during operation, low noise pollution |
| helps reduce carbon footprints | supports your sustainability concept |
| physical properties equal conventional belts | easy to substitute without modifying the conveyor |

Scan the QR Code for more info (FAQs)

## Renewable, biodegradable raw materials and less power consumption

In Bio Belt products, petroleum-based feedstock and synthetic materials have been extensively replaced by renewable plant-based materials. Because they are biodegradable at the end of their product life, these play a major role in complying with the cradle-to-cradle principle. With an additional, already patented, special coating on the underside (Amp Miser™) they achieve energy savings of up to 50%.

## Quick to exchange

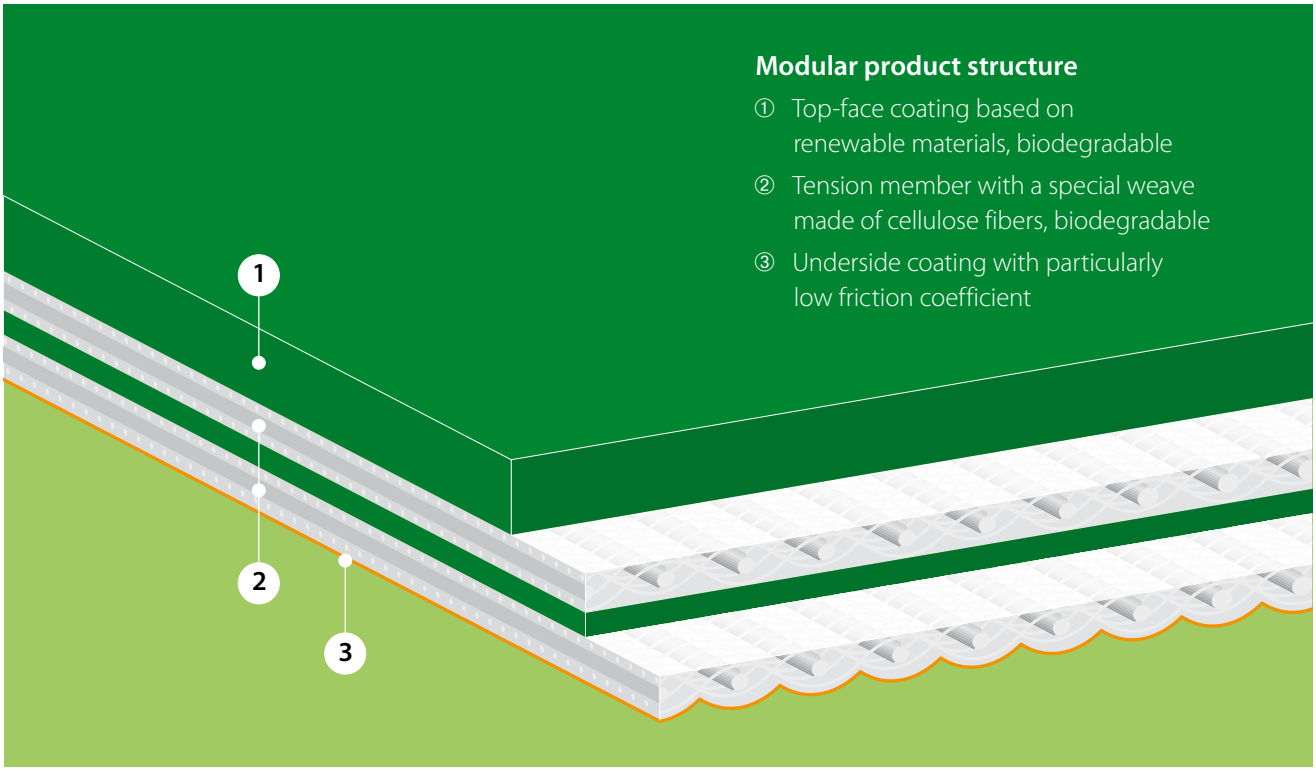
In terms of their physical and dynamic characteristics, Bio Belt products are identical to conveyor belts made of synthetic materials. The same goes for their level of performance and durability. Technical modifications to the conveyors are unnecessary and even the splicing methods are the same.

Successful tests in real-world conditions show that Bio Belt products are just as ideal for airports as for parcel sorting, logistics centers and for industrial production.

| E12/2 TX0/V3 GSTR-C-SE-BB-AMP black | | |
|---|---|---|
| Article number | 906811 | |
| Total thickness approx. | 2.1 | [mm] |
| Weight approx. | 2.35 | [kg/m²] |
| Pull at 1 % elongation ($k_1$ relaxed) approx.* | 2.5 | [N/mm width] |
| $d_{min}$ approx.** | 40 | [mm] |

* Established in line with ISO 21181:2005

** The smallest permissible drum diameters were established at room temperature and do not apply to conveyor belts with mechanical fasteners. Lower temperatures require bigger drum diameters.



## Siegling – total belting solutions

Committed staff, quality oriented organization and production processes ensure the constantly high standards of our products and services. The Forbo Siegling Quality Management System is certified in accordance with ISO 9001.

In addition to product quality, environmental protection is an important corporate goal. Early on we also introduced an environmental management system, certified in accordance with ISO 14001.

### Forbo Siegling service – anytime, anywhere

The Forbo Siegling Group employs more than 2,500 people. Our products are manufactured in ten production facilities across the world. You can find companies and agencies with warehouses and workshops in over 80 countries.
Forbo Siegling service points are located in more than 300 places worldwide.

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