

siegling proposition

timing belts



FOOD LINE

FIRST-CLASS FOOD SAFETY
FOR TIMING BELTS



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FIRST-CLASS FOOD SAFETY FOR TIMING BELTS

Conventional timing belts face exceptional challenges when it comes to the high standards of hygiene required in the food industry. Forbo Movement Systems' innovative food line are the solution you can depend on. Our products meet current FDA and EU/EC requirements, stand apart for their excellent surface quality, and are outstandingly user friendly thanks to their enclosed belt edges and lack of coiling noses. Which makes cleaning child's play.

The food line timing belts come in two variants:

- As timing belts with various coatings on the back or
- As homogenous timing belts with various patterns on the backs.

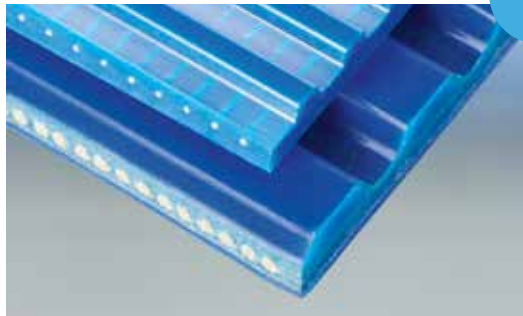
The advantages

Made for direct contact with foodstuffs.



(EU) 10/2011,
(EC) 1935/2004
COMPLIANT

No hidden contamination and less cleaning required due to fully enclosed tension members and no coiling noses.



The right timing belt for any application. Lots of designs, profiles, coatings, and patterns on the backs.



The following brochures contain information about other relevant issues.

No.	Title
125	Packaging Food Hygienically
245	Siegling Proposition Timing Belts
269	Food

Product design

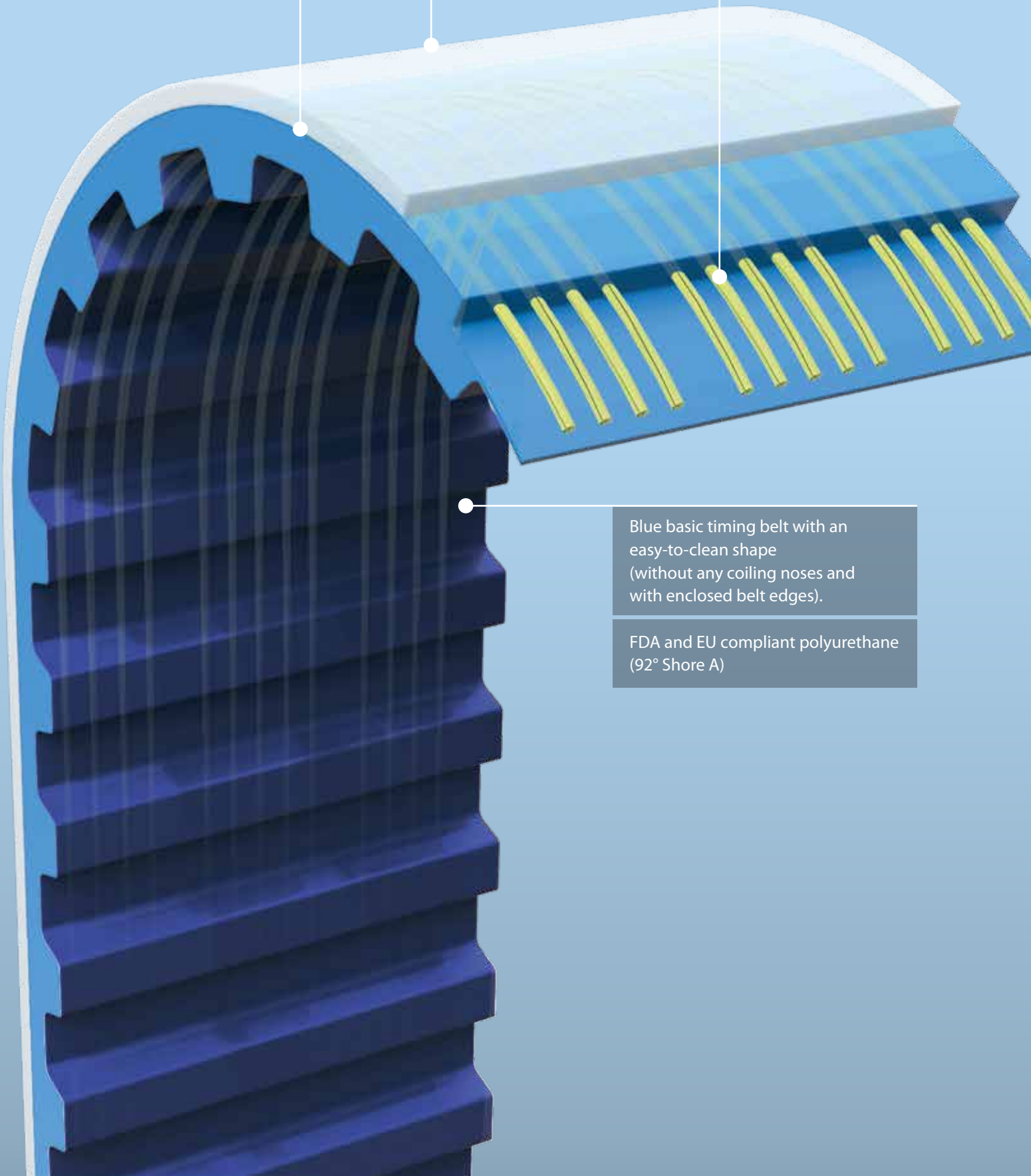
Food-safe, reliable
bonding

Various FDA and EU
compliant coatings
on the back

Fully enclosed tension
cords made of strong
aramid

Blue basic timing belt with an
easy-to-clean shape
(without any coiling noses and
with enclosed belt edges).

FDA and EU compliant polyurethane
(92° Shore A)



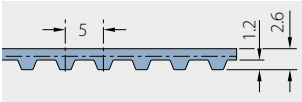
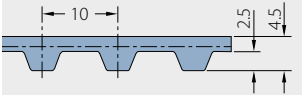
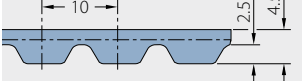
COATED TIMING BELTS

Our coated timing belts are ideal for food processing because they guarantee outstanding hygiene standards. You can configure the coated timing belts as required because we have a wide range of variants. These timing belts meet the stringent regulations imposed by the FDA and EU. Compliance was corroborated by an independent test lab. We'd be happy to provide the appropriate declaration of conformity on request.

Typical applications

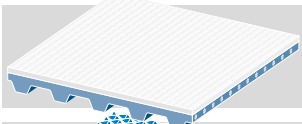
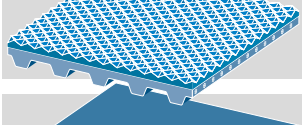

- Spreading belts
- Feeder belts for packaging machinery
- Packaging machinery
- General food conveying

Product range Tooth profiles

T 5	
T 10	
AT 10	

Article number	Color	Tension member	Hardness [Shore A]	Authorized operating temperature [°C]	Polyamide fabric	Max. width [mm]
920165	Sky blue (Pantone 2191 C) + Navy blue (RAL 5013)	Aramid cord	92	-30/80	No	50
920166	Sky blue (Pantone 2191 C) + Navy blue (RAL 5013)	Aramid cord	92	-30/80	No	100
920167	Sky blue (Pantone 2191 C) + Navy blue (RAL 5013)	Aramid cord	92	-30/80	No	100

Product range Coatings

PU 85/FSTR	
PU 85/NP	
R 60	

Coating material	Hardness [Shore A]	Coating thickness [mm]	Authorized operating temperature [°C]
Polyurethane (thermoplastic)	85	1.0	-20/60
Polyurethane (thermoplastic)	85	1.4	-20/60
Elastomer (thermoplastic)	60	1.3	-20/60

Further tooth profiles and coatings on request.

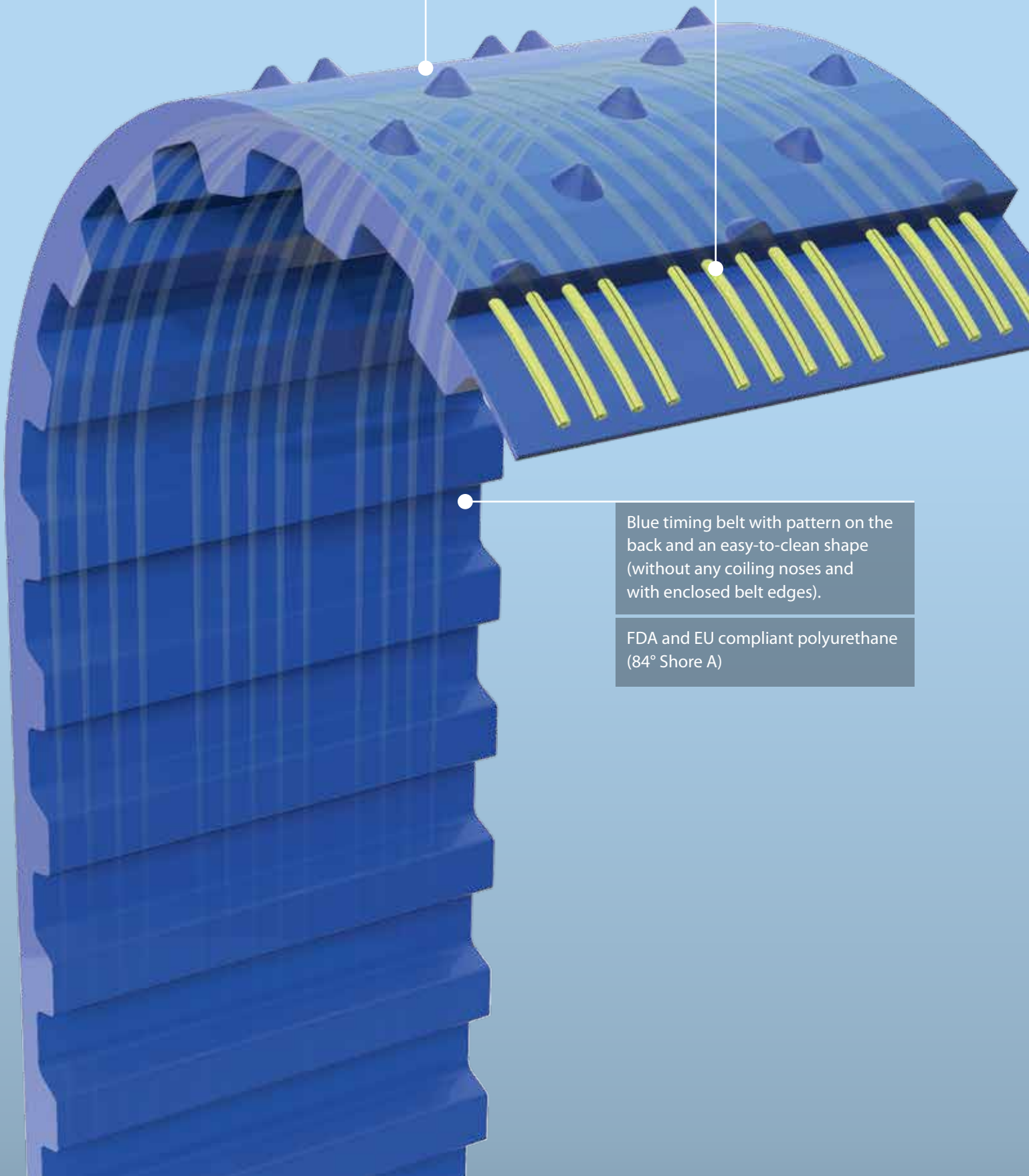
Product design

Various application-driven patterns on the backs

Fully enclosed tension cords made of strong aramid

Blue timing belt with pattern on the back and an easy-to-clean shape (without any coiling noses and with enclosed belt edges).

FDA and EU compliant polyurethane (84° Shore A)



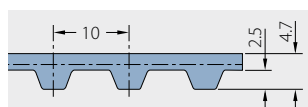
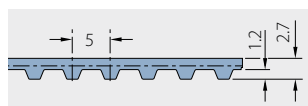
HOMOGENOUS TIMING BELTS

To meet rigorous hygiene requirements, we make tooth profiles and patterns on the backs in one single process. This guarantees a homogenous product that allows no hidden contamination. Thanks to the variety of patterns on the backs, lots of processes in the food industry are efficient.

Typical applications

- General food conveying
e.g. meat, sausages, cheese, and baked goods
- Tying sausages
- Take-off belts
- In slicers, e.g. for sausages, cheese, and filleted fish
- Conveying cans/receptacles

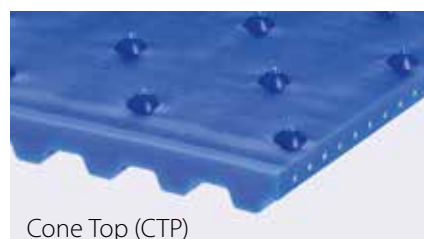
Product range Tooth profiles



Article number	Color	Tension member	Hardness [Shore A]	Authorized operating temperature [°C]	Polyamide fabric	Max. width [mm]
see below	Blue RAL 5002	Aramid cord	84	-10/40	White on the tooth side FDA on request*	300
see below	Blue RAL 5002	Aramid cord	84	-10/40	White on the tooth side FDA on request*	300

* EU compliance not applicable

Product range of patterns on the backs



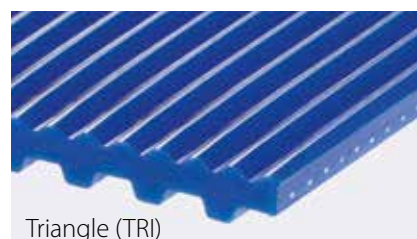
Cone Top (CTP)

T5	Art. no.	920168
T10	Art. no.	920174



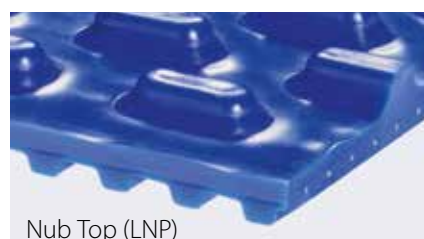
Truncated cone (FCTP)

T5	Art. no.	920169
T10	Art. no.	920175



Triangle (TRI)

T5	Art. no.	920170
T10	Art. no.	920176



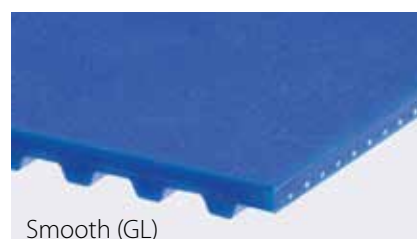
Nub Top (LNP)

T5	Art. no.	920171
T10	Art. no.	920177



Longitudinal groove (LG)

T5	Art. no.	920172
T10	Art. no.	920178



Smooth (GL)

T5	Art. no.	920173
T10	Art. no.	920179

Further tooth profiles and patterns on the backs on request.

Siegling – total belting solutions

Committed staff, quality oriented organization and production processes ensure the constantly high standards of our products and services.

Forbo Movement Systems complies with total quality management principles. Our quality management system has ISO 9001 certification at all production and fabrication sites. What's more, many sites have ISO 14001 environmental management certification.



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Our service – anytime, anywhere

Forbo Movement Systems employs around 2,500 people in its group of companies. 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.

Service points are located in more than 300 places worldwide.

Forbo Siegling GmbH

Lilienthalstrasse 6/8, D-30179 Hanover

Phone +49 511 6704 0

www.forbo-siegling.com, siegling@forbo.com



MOVEMENT SYSTEMS