

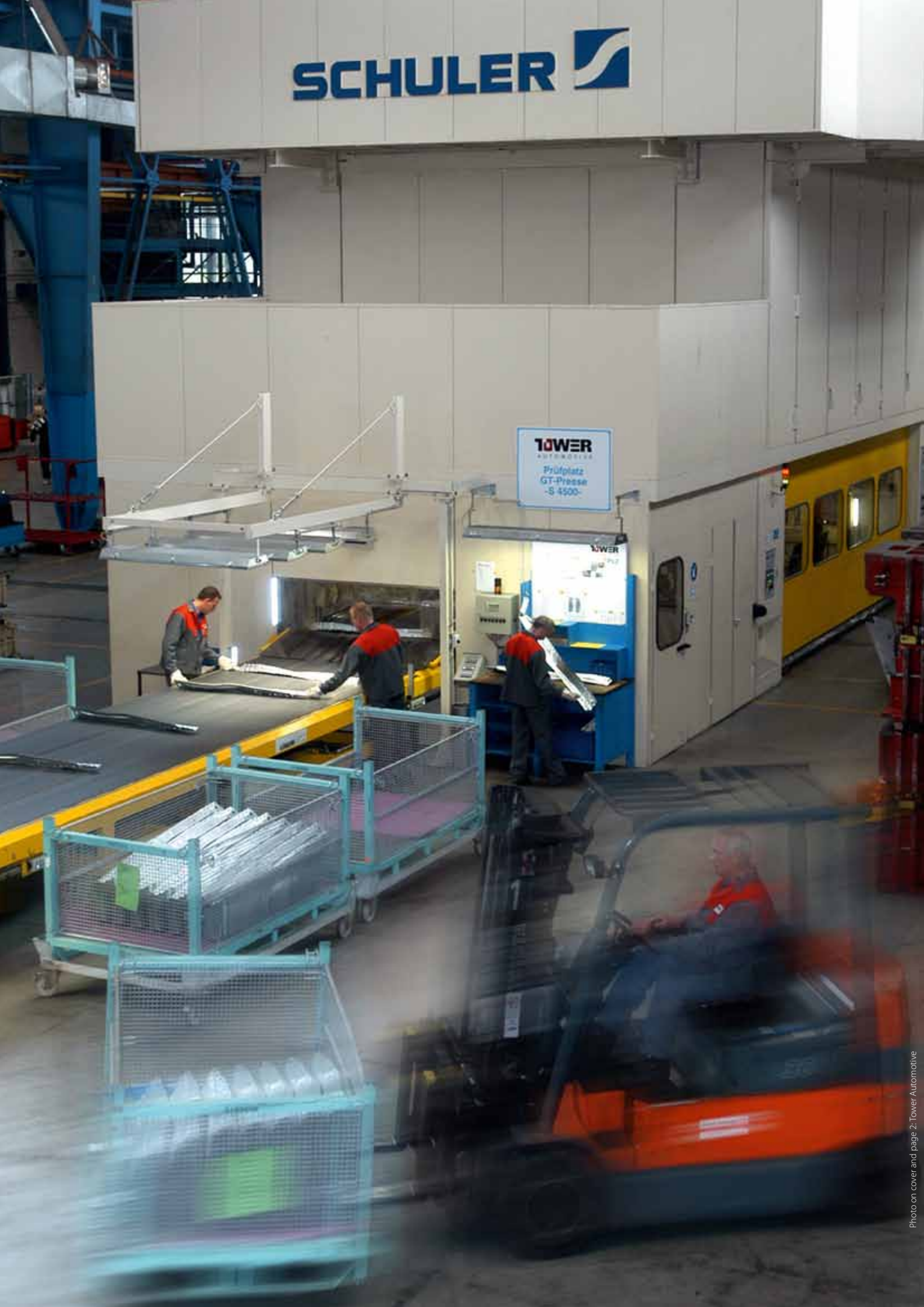
siegling
belting

METALWORKING



SCHULER

TOWER
AUTOMOTIVE
Prüfplatz
GT-Pressen
-S 4500-





FORBO SIEGLING – THE INNOVATIVE BELTING RANGE **FOR METALWORKING**

If manufacturing and supplying products just in time is vital and downtime is counted in minutes, Forbo Sieglings is the perfect choice.

Advanced, reliable, good value belting products help you to maximize production capacities and minimize scheduled and unscheduled downtime. Our range of specialist products makes handling easier and increases the efficiency of the application. 300 service points worldwide ensure rapid availability of spare parts and services – around the clock.

From support, to fitting, to after-sales service, Forbo Sieglings provides **a wide range of services**. Our qualified engineers, experienced in the industry, provide consistent support right up to when the products are used.

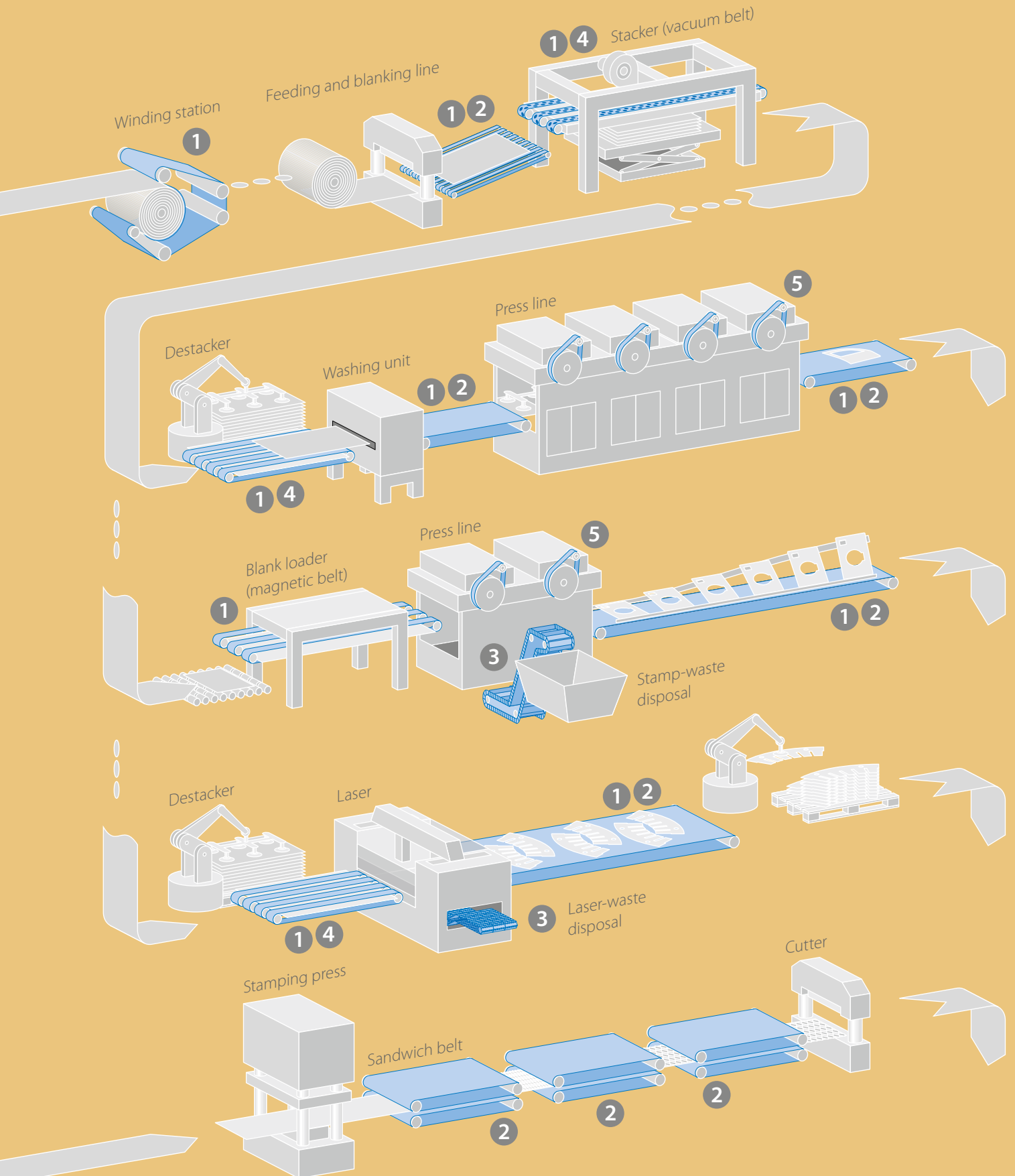
Our longstanding experience means we can provide specially tailored services for more effective and reliable production processes. With a customized service package, we can help you keep that competitive edge.

Just contact us.

The following brochures contain more information on issues relevant to the metalworking industry:

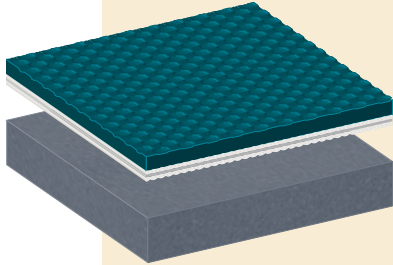
No.	Title
214	Sieglings Transtex conveyor belts
224	Sieglings Transilon conveyor and processing belts
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800	Sieglings Prolink modular belts

Forbo Siegling offers 5 product groups to make metalworking efficient. Different belting products can be used in many steps of the process. Contact your Forbo Siegling contact for full support in selecting belts for the machinery, materials and processing parameters relevant to you.



THE RIGHT SPECIALISTS FOR EVERY STEP

E12/2 U0/U20 GSTR green
(coated polyester fabric)



Novo 60 black
(nonwoven polyester)

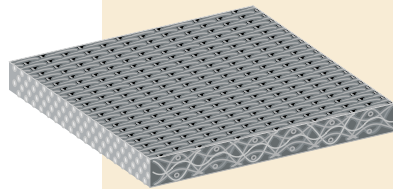
Siegling Transilon are fabric- or nonwoven-based conveyor and processing belts, ranging from the all-rounder to the high-tech specialist. With different thicknesses, patterns and characteristics, the versatile range can handle the most diverse conveying and processing jobs metal-working generates.

- high on tensile strength, low on thickness
- oil- and grease-resistant PU types
- heat-resistant nonwoven belts

VERSATILE & RELIABLE

siegling transilon
conveyor and processing belts

1



PVK150 FS x FS
(solid-woven fabric)

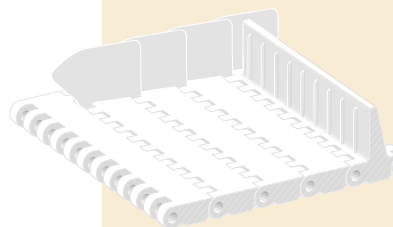
Siegling Transtex are robust, fabric-based conveyor belts for extreme production environments. They excel when rubber manufacturing conditions are especially hot and arduous.

- durable
- particularly incision-resistant/tough belts
- PVC-impregnated solid-woven fabric

ROBUST & ECONOMICAL

siegling transtex
conveyor belts

2



S8-0 FLT
Scale 1:4

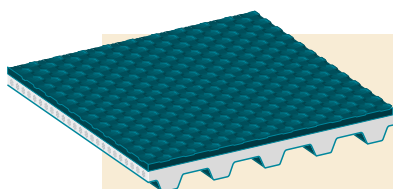
Siegling Prolink are very robust and durable plastic modular belts. They manage conveying and processing jobs that are difficult with conventional belting material.

- particularly incision-resistant POM-CR
- fast repair times
- minimal downtimes

MODULAR & VARIABLE

siegling prolink
modular belts

3

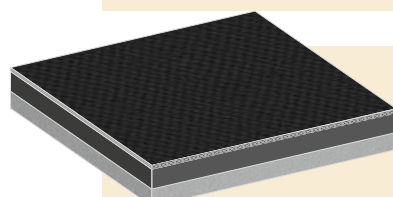


T10 PAZ G/GSTR green

Siegling Proposition is the timing belt range for demanding acceleration and positioning applications. Diverse coatings and mechanical processing enable perfect customization.

siegling proposition
timing belts

4



LT 54 P

Siegling Extremultus belts excel at transmitting vast amounts of power efficiently. They are often a welcome alternative to high-loss gears.

siegling extremultus
flat belts

5

Technical data,
properties and
recommendations,
applications

Article no.

Overall thickness approx. [mm]

Weight approx. [kg/m²]

Effective pull at 1% elongation
(k_{1%} relaxed) [N/mm width]*

Allowable
belt pull [N/mm]

d_{min} approx. [mm]**
or D₀ min [mm]****

Permissible operating
temperature [°C]

Hardness of
top face coating [Shore A]

siegling transilon

conveyor and processing belts



Siegling Transilon									
E 8/2 U0/U4 GSTR green	900152	2.1	2.1	5.0	-	60	-30/+100	90	
E 8/2 U0/U8 transparent FDA	900024	2.0	2.2	7.5	-	60	-30/+100	85	
E 8/2 U0/V/U20 green	900151	3.6	4.2	7.0	-	60	-10/+70	80	
E 8/2 U0/V20 AR green	900037	4.9	4.0	6.0	-	60/40 (Z)	-10/+70	45	
E 10/M U1/U3-NA green	900064	3.1	3.3	5.0	-	60	-10/+80	80	
E 10/M U1/U3 GSTR-NA green	900065	3.5	3.4	5.0	-	60	-10/+80	80	
E 10/M V1/V10 green	900066	2.85	3.3	5.0	-	60	-10/+70	65	
E 12/2 U0/U20 GSTR green	900168	3.8	3.8	10.0	-	90	-10/+80	80	
E 12/2 U0/V20 green	900262	3.35	4.1	11.0	-	60	-10/+70	75	
E 15/M V1/V10H MT green	900324	5.0	5.4	10.0	-	125	-10/+70	85	
E 20/M U1/U3-NA green	900074	5.4	6.0	9.0	-	160	-10/+80	80	
E 20/M U1/U3 GSTR-NA green	900075	5.7	6.0	8.0	-	160	-10/+80	80	
EP U5/U5 GL/GL-NA green	900205	7.3	6.5	6.5	-	125	-10/+80	92	
NOVO 25-NA white FDA	996160	2.5	1.3	7.0	-	40	-10/+120	-	
NOVO 25 HC black	900195	2.5	1.3	7.0	-	40	-10/+120	-	
NOVO 40-NA green	900222	4.0	2.2	7.5	-	90	-10/+120	-	
NOVO 40 HC black	900221	4.0	2.2	7.5	-	90	-10/+120	-	
NOVO 60-NA green	900285	5.5	3.1	8.0	-	125	-10/+120	-	
NOVO 60 HC black	900286	5.5	3.1	8.0	-	125	-10/+120	-	

siegling transtex

conveyor belts



Siegling Transtex									
PVK125 FS X FS-NA black FR	908103	3.7	3.4	9.0	-	50	-18/+82	-	
PVK150 FS X FS-NA black FR	908125	4.6	4.3	10.0	-	90	-18/+82	-	
PVK160N FS X FS black FR	908110	5.6	5.4	5.0	-	90	-18/+82	-	
PVK200 FS X FS-NA black FR	908111	5.6	5.3	14.0	-	90	-18/+82	-	
PHR2-160 MRT X BB-NA black FR	908205	3.5	4.4	10.0	-	100	-29/+107	-	
PU2-150 HC X F-NA red	908889	5.1	6.3	7.0	-	60	-7/+82	89	

siegling prolink

modular belts



Siegling Prolink									
Series 1, pitch 50 mm		16	14.4	-	40	100	-45/+90	-	
Series 3, pitch 50 mm		16	7.5	-	16	100	-45/+90	-	
Series 7, pitch 40 mm		18	18.6	-	50	130	-45/+90	-	
Series 8, pitch 25.4 mm		10.5	11.0	-	40	91.6	-45/+90	-	

The figures stated apply to POM-CR options. Other materials are also possible.

Module types that are available for most series include closed or open areas, profiles and side guards.

For more details, see our Siegling Prolink range (ref. no. 800) and Prolink Engineering Manual (ref. no. 888).

siegling proposition

timing belts



Siegling Proposition

Siegling Proposition timing belts can be supplied for all the standard sprocket types.

Galvanized steel cord or Kevlar are used as tension members. The majority of types are also available as truly endless options. For flawless operation, the belts can have different coatings and be machined (perforated, milled, lasered ...).

For more details, see our Siegling Proposition range (ref. no. 245).

siegling extremultus

flat belts



Siegling Extremultus

Siegling Extremultus belts can transmit up to 1850 kW. They are durable, elastic, vibration- and shock-absorbent.

They can be used for belt velocities of up to 100 m/s.

Their friction coating is made of chrome leather or rubber (LT- and GT-types).

More details are included in our Heavy-duty drives brochure (ref. no. 192).

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.



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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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MOVEMENT SYSTEMS