

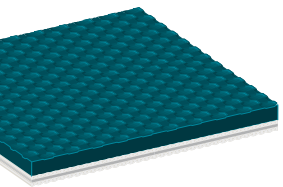
siegling
belting

EFFICIENT CONVEYING IN **INSULATION PRODUCTION**



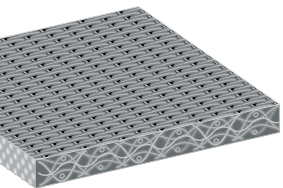
EFFICIENT CONVEYING IN INSULATION PRODUCTION

All insulation materials, machinery and process steps require the right belt. Suitable belts improve operational reliability and output. Forbo Siegling offers customized solutions with belt types from three product groups. Your personal Forbo Siegling contact can help select the ones right for you.



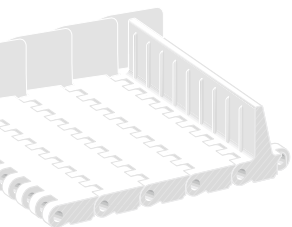
siegling transilon conveyor and processing belts

Siegling Transilon are fabric based conveyor and processing belts made with the highest quality components to ensure maximum performance across multiple applications. The range has a wide choice of belts in varying thickness, with different levels of grip and customized perforations to handle requirements during insulation material production.



siegling transtex conveyor belts

Siegling Transtex are robust, fabric-based conveyor belts for challenging production environments. These belts excel when it comes to forming and pressing during insulation material production.



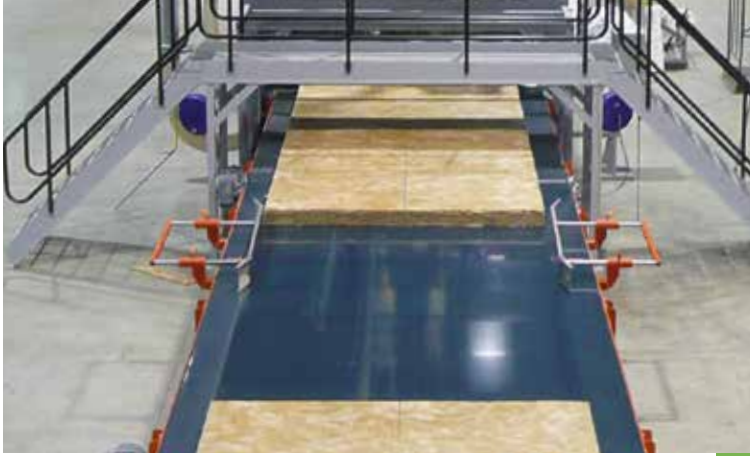
siegling prolink modular belts

Siegling Prolink are exceptionally tough and long-lasting plastic modular belts. After the forming stage and during pressing, they often work better than wire mesh belts and plate chain conveyors.



Foam insulation

Forbo belts boost efficiency during production of PU, silicate and cellulose insulating materials, expanded polystyrene (EPS) and extruded polystyrene (XPS).



Glass wool and mineral wool insulation

Forbo belts help ensure efficient manufacturing of insulation materials made of glass wool, stone wool, basalt wool and earthwool, as well other mineral wool products. They are often even better than wire mesh belts and plate chains.

	Article number	Total thickness approx. [mm]	Weight approx. [kg/m ²]	Effective pull at 1% elongation (k _{1%} relaxed) [N/mm width]*	Allowable belt pull [N/mm]	Belt width max. [mm]	d _{min} approx. [mm]**	Permissible operating temperature [C°]	Hardness of the top face coating [Shore A]	Top face pattern	Forming (mineral wool, glass fiber)	Forming (curtain belt)	Forming (PU foams etc.)	Binding	Compression	Fabrication	Cooling	Cutting/Trimming	Loop slicer	Packaging
Siegling Transilon																				
E 8/2 0/A4 MT-TT white	906773	2.2	2	6.75	-	3400	60	-10/60	90	Matte			●							
E 8/2 U0/V5 green	900025	2.1	2.5	7.5	-	4600	30	-10/70	75	Smooth					●					●
E 8/2 U0/V2H MT green	900208	1.5	1.65	7.5	-	3000	40	-10/70	85	Matte					●				●	●
E 8/2 U0/V5H MT black	900026	2.2	2.5	7.5	-	4600	40	-10/70	85	Matte					●				●	●
E 8/2 U0/V10H M-SE black	906538	3.1	3.6	7	-	4400	60	-10/70	85	Smooth	●			●	●				●	●
E 8/2 U0/V7 SG black	906286	2.3	2.65	6	-	3100	40	-10/70	45	Lattice	●			●					●	●
E 8/2 U0/V10 SG green	900086	2.6	2.85	7	-	3000	40	-10/70	45	Lattice	●			●					●	●
E 12/2 U0/V7 green	900045	2.85	3.4	10.5	-	4650	90	-10/70	75	Smooth					●					●
E 8/2 V1/V1 blue	996060	2	2.35	5.25	-	4700	50	-10/71	-	Fabric							●		●	
E 12/2 V5/V10 STR/GL green	900053	3.25	3.9	11.5	-	3100	60	-10/70	75	Smooth						●				●
E 15/M V1/V10H MT green	900324	5	5.4	8.5	-	3050	125	-10/70	85	Matte		●								●
E 3/2 U0/U2 HACCP white FDA	900103	1.4	1.6	5.5	-	4650	8	-30/100	85	Smooth						●				●
E 8/2 U0/U2 green FDA	900320	1.4	1.6	6	-	4650	14	-30/100	85	Smooth						●				●
E 8/2 U0/U2 MT-NA white FDA	900277	1.4	1.45	6.5	-	3100	8	-30/100	85	Matte						●				●
E 12/2 U0/U0 transparent FDA	900040	1.4	1.4	10.5	-	4650	40	-30/100	-	Fabric						●				●
E 8/2 U2/U20 AS/MT transparent	907172	4.1	5	6	-	2100	60	-30/100	85	Matte	●			●	●					●
Siegling Prolink																				
Series 4.1 (PP), pitch 14 mm (0.55 in)		9	4.6	-	5	-	47.1	5/100	-		●				●					
Series 6.1 (PP), pitch 50 mm (1.97 in)		16	8.3	-	18	-	101.6	5/100	-		●									●
Series 8 (PP), pitch 25.4 mm (1 in)		10.5	7.1	-	20	-	90.2	5/100	-		●				●					
Series 17 (PP), pitch 25.4 mm (1 in)		8.6	4.2	-	18	-	99.7	5/100	-		●				●					●
Siegling Transtex																				
PVC120 CXB-NA BLACK FR	908002	3.35	4.15	8.5	-	1829	64	-18/82	80	Smooth	●				●					
PHR2-160 3/64LIXBB-NA BLACK FR	908204	3.63	4.39	11	-	1829	126	-29/107	-	Light Impression	●				●					
PHR3-200TW BBXB-NA BLACK FR	908209	3.81	4.39	12	-	1829	125	-23/107	-	Fabric	●				●					

Legende (excerpt)

* Established based on ISO 21181:2005

** Minimum drum diameters were determined at room temperature and do not apply to conveyor belts with mechanical fasteners. Lower temperatures require larger drum diameters. Belts with profiles or sidewalls may require larger drum diameters. Please see brochure ref. no. 318, Siegling Transilon Technical Information 2.

● Yes

Siegling Transilon

E	Polyester
M	Multi-layer fabric
U	Polyurethane
U0	Impregnation
V	Polyvinyl chloride
V...H	Polyvinyl chloride hard
1.2 ...	Number of fabric layers
AS	Asphalt
GL	Smooth
MT	Matte
SG	Grid Top
STR	Normal texture
NA	Not antistatic
FDA	EC/FDA food safety compliance EC/FDA (see data sheet)

Siegling Prolink

PP Polypropylene

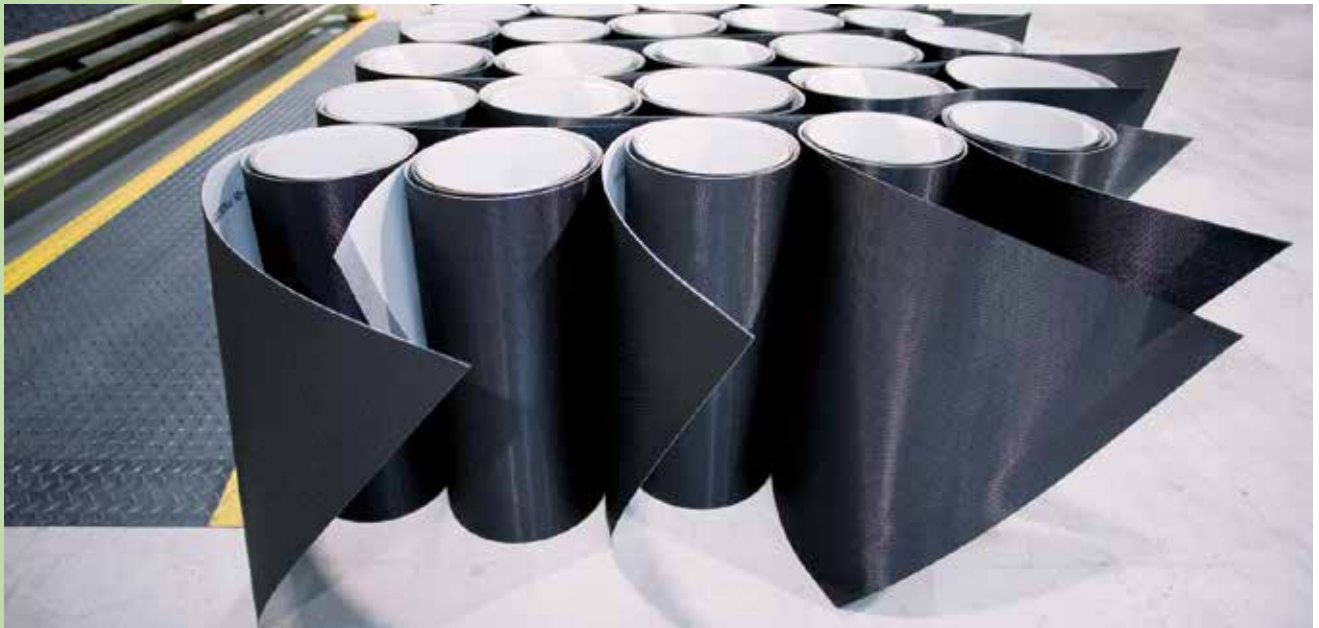
Siegling Transtex

PVC	PVC-impregnated fabric
PHR	Rubber
TW	Twill fabric
B	PVC-brushed fabric
BB	Impregnated fabric
C	Smooth surface (approx. 1 mm coating)
LI	Light impression
NA	Not antistatic
FR	Flame retardant, ASTM D-378

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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Forbo Siegling service – anytime, anywhere

The Forbo Siegling Group employs around 2,400 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.

Forbo Siegling GmbH

Lilienthalstrasse 6/8, D-30179 Hannover
Phone +49 511 6704 0
www.forbo-siegling.com, siegling@forbo.com



MOVEMENT SYSTEMS