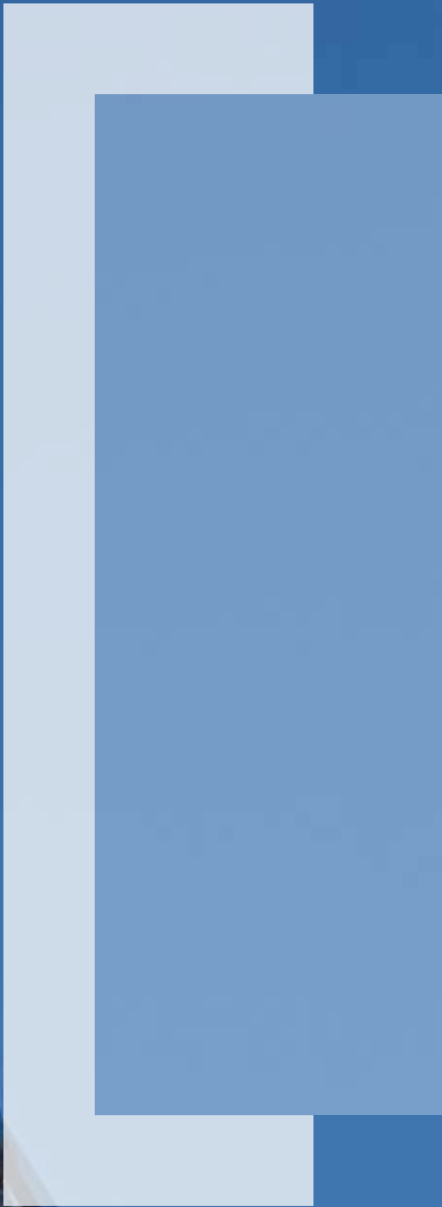


Product range



transtex belting
conveyor belts



Unloading belt for 40 tons of hard coal. It took Siegling Transtex to make this compact conveyor design possible.



Large gradient angles can be achieved even for heavy-duty loads and when products conveyed are wet.

Siegling Transtex: Heavy-duty specialists

Conveying heavy-duty products presents huge challenges to the conveyor belts used. With four product series, the Siegling Transtex range offers top performance in the most diverse of applications.

Siegling Transtex beats past capabilities

Global logistics service providers have been using Siegling Transtex successfully for years when typical conveyor belts for light-materials handling reached their limits. They have also proved how good they are in conveying raw materials, very heavy unit goods and sharp components, as well as coping with tough production conditions.

Siegling Transtex sometimes surpasses even rubber and steel belts.

In wind and extreme weather conditions, high temperatures and unusual mechanical stress, steel and rubber conveyor belts were the first choice for a long time.

Siegling Transtex is the ideal alternative for many applications – with all the benefits of fabric-based conveyor belts:

- easy to make endless
- low energy consumption
- simple conveyor design
- low maintenance and repair costs

In the past, due to a lack of space alone, very robust belts could often not be used. Siegling Transtex now makes very compact conveyors possible. And in terms of technology, new perspectives are opened up as a result, some of which include truck unloading belts, packaging machinery for coils, punch presses and outdoor machinery, e.g. in wood processing.



Siegling Transtex can easily handle punctual loads of 1500 kg without damaging the layers of paper on the outside.

The properties

extreme flexibility compared with steel and rubber belts

extremely robust, abrasion- and puncture resistant

various different fabric designs

good damping features

The advantages

▶ low power consumption, relatively small reversing drum diameters, compact conveyor designs

▶ long service lives, even when subjected to heavy usage

▶ laterally stiff and troughable designs with strong edges

▶ kind to bearings, little vibration during operation

Typical Siegling Transtex



Top:
After rolling, 160°C hot rubber sheets are immediately transferred to highly temperature-resistant Siegling Transtex belts.

Right:
Particularly abrasion- and incision-resistant Siegling Transtex belts guarantee reliable conveying in assembly feed and sheet metal manufacture.

With 33 types in four series, Siegling Transtex can offer the right features for any unusual type of conveying.

	PVC	PVK	PHR	PU
	Siegling Transtex PVC PVC-impregnated fabric	Siegling Transtex PVK PVC-impregnated special fabric	Siegling Transtex PHR Fabric with rubber-elastomer coating	Siegling Transtex PU Fabric with urethane coating
Robust, abrasion resistant	++	+++	++	+++
Incision resistant	+	+++	++	+++
UV resistant	+	+	+++	+
Puncture resistant	+	++	++	+++
Troughable	+++	+	+ / +++ / +++	+
Laterally stiff	+ / ++	+ / ++	+ / +++ / +++	+++

Right:
For heavy-usage conveyors
Siegling Transtex belts are also used in
logistics and distribution centres.



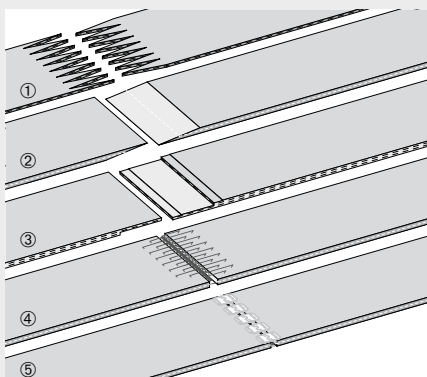
Bottom:
When conveying refuse, robust and
chemically resistant Siegling Transtex types
reliably handle a whole range of different
materials, shapes and consistencies.



Left:
Long-term outdoor
use with water- and
UV-resistant Siegling
Transtex types.

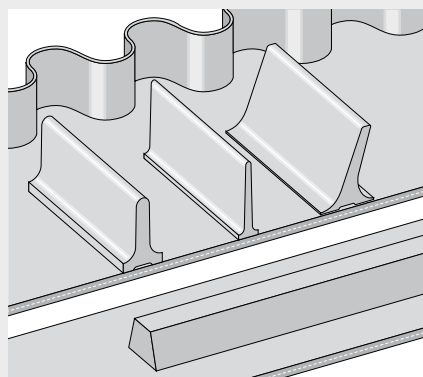
Splice types

- ① Z-splice
- ② wedge splice
- ③ stepped overlap splice
- ④ wire hook fasteners
- ⑤ clip fasteners



Profiles

Longitudinal (guidance) and lateral
profiles and sidewalls are available for
Siegling Transtex types in various sizes
and shapes.



Material combinations

Profiles	Belt types
PVC and PU	on PVC/PVK/PU (welded)
PVC and PU	on PHR (bonded)
Rubber, PU, PVC	on PHR (bonded)
Sidewalls	Belt types
PVC	on PVC/PVK/PU with C top coating (welded)

Product range

Technical Data

	Article number	Flame retardancy FR = ASTM D-378	Belt pull [N/mm belt width]	max. operational elongation to establish the belt pull [%]	Total thickness approx. [mm]	Weight approx. [kg/m ²]	d _{min} approx. [mm]*	Permissible operating temperature [°C]	
PVC	Siegling Transtex PVC								
	PVC120 P HM X B-NA black FR	908037	FR	21	1.5	3.4	4.1	50	-18/+82
	PVC120 MRT X B-NA black FR	908799	FR	21	1.5	3.9	4.1	50	-18/+82
	PVC120 LT CT X B-NA black	908750		21	1.5	6.1	4.1	50	-29/+82
	PVC150 C X B-NA black FR	908016	FR	27	1.5	4.1	4.9	76	-18/+82
	PVC200 OFR-OSHA C X C white ¹⁾	908308		35	1.5	6.1	7.8	90	-18/+82
	PVC350 ORG C X C black FR	908736	FR	61	1.5	7.7	9.8	150	-18/+82
PVC450 ORG C X C black FR	908310	FR	79	1.5	9.4	11.7	200	-18/+82	
PVK	Siegling Transtex PVK								
	PVK100 C X FS-NA black FR	908101	FR	18	1.5	3.3	3.9	50	-18/+82
	PVK100 FS X FS-NA black FR	908100	FR	18	1.5	2.8	2.4	50	-18/+82
	PVK125 C X FS-NA black FR	908104	FR	21	1.5	3.9	4.4	50	-18/+82
	PVK125 FS X FS-NA black FR	908103	FR	21	1.5	3.7	3.4	50	-18/+82
	PVK125 MRT X FS-NA black FR	908105	FR	21	1.5	4.8	4.9	50	-18/+82
	PVK125 RT X FS-NA black FR	908106	FR	21	1.5	7.6	6.3	50	-18/+82
	PVK125N C X FS-NA black FR	908107	FR	21	1.5	3.8	4.6	50	-18/+82
	PVK150 FS X FS-NA black FR	908125	FR	27	1.5	4.6	4.3	90	-18/+82
	PVK150 C X FS-NA black FR	908109	FR	27	1.5	5.1	5.8	90	-18/+82
	PVK160N FS X FS-NA black FR	908110	FR	28	1.5	5.6	5.4	90	-18/+82
	PVK200 FS X FS-NA black FR	908111	FR	36	1.5	5.6	5.3	90	-18/+82
	PHR	Siegling Transtex PHR							
PHR2-90MF Grade II RT X BB black		908214		16	2.0	7.0	6.5	90	-29/+107
PHR2-90MF LI X BB-NA black FR		908201	FR	16	2.0	3.6	4.3	90	-29/+107
PHR2-90SMF Grade II BB X BB-NA black		908246		16	2.0	2.3	2.5	90	-29/+107
PHR2-160 BB X BB-NA black FR		908203	FR	28	2.0	2.3	2.6	90	-29/+107
PHR2-160 MRT X BB-NA black FR		908205	FR	28	2.0	3.5	4.4	100	-29/+107
PHR2-160 RT X BB-NA black FR		908206	FR	28	2.0	6.5	5.2	100	-29/+107
PHR2-160 Carbox RT X BB-NA brown		908223		28	2.0	6.5	5.4	100	-29/+107
PHR2-160 Pure Gum RT X BB-NA TAN		908222		28	2.0	6.5	5.3	100	-29/+107
PHR3-135MF BB X BB-NA black FR		908208	FR	24	2.0	3.9	4.6	90	-29/+107
PHR3-200TW BB X BB-NA black FR		908209	FR	36	2.0	3.8	4.2	125	-29/+107
PHR3-200TW LI X BB-NA black FR		908216	FR	36	2.0	3.6	4.3	90	-29/+107
PHR3-240 Carbox RT X BB-NA brown		908245		43	2.0	7.5	6.7	160	-29/+107
PHR3-265TW BB X BB-NA black FR		908210	FR	46	2.0	4.8	5.4	200	-29/+107
PHR3-265TW LI X BB-NA black FR		908211	FR	46	2.0	5.8	6.3	200	-29/+107
PU		Siegling Transtex PU							
PU2-150 HC X F-NA red	908889		26	1.5	5.1	6.3	60	-7/+82	

Key

Series

PVC	Interwoven PVC
PVK	Heavy interwoven PVC
PHR	Package-handling rubber
PU	Polyurethane

Tension member

MF	Monofilament fabric
N	Nylon
TW	Twill weave fabric

Belt feature

Carbox	Carboxylated NBR
FR	Flame Retardant, ASTM D-378
Grade II	Abrasion resistant
OFR	Oil, fat resistant
ORG	OSHA/MSHA Premium Oil Resistant to grain oils
P	Standard PVC
Pure Gum	Natural rubber
LT	Low temperature
NA	Non antistatic

Top face/underside features

B	Brush fabric
BB	Bareback fabric
F/FS	Friction fabric
C	Cover
HC	Heavy cover
CT	Crescent top™
HM	Heavy matt
LI	Light impression
LR	Longitudinal rib
MRT	Mini-rough top
RT	Rough top
TAN	Beige

* 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. Belts with profiles or sidewalls might require bigger drum diameters.

** UV resistant

*** Under certain operating conditions. Please contact us.

**** With an additional coating, 908107 and 908110 can also be used as punch press belts (polyamide fabric). Without additional PU coating, 908889 can be used as a punch press belt for thin metal foils, plastics etc.

¹⁾ Hotseal belt-edge sealing can be applied.

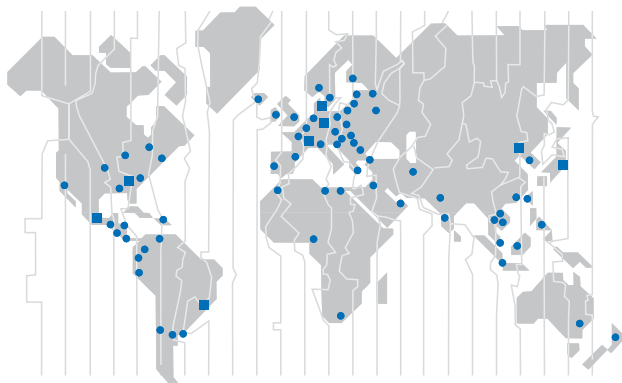
● Yes



Siegling – total belting solutions

Committed staff, quality-orientated organisation and production processes ensure the constantly high standards of our products and services. The Forbo Siegling Quality Management System is certified in accordance with DIN EN 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

In the company group, Forbo Siegling employs more than 1800 people worldwide. Our production facilities are located in nine countries; you can find companies and agencies with stock and workshops in more than 50 countries. Forbo Siegling service centres provide qualified assistance at more than 300 locations throughout the world.