KEIPER

CONVEYOR BELTS

GENERAL

Conveyor belts made by KEIPER.
Keiper conveyor belts are made of fully synthetic polyester or blended fabrics and can be adapted for a specific purpose by means of different designs as well as appropriate coatings and surface structures. The wide range of possible materials and designs takes into account such varied specific requirements as:

- High entrainment adhesion or low adhesion (accumulation mode)
- FDA/USDA approved and in conformity with EU Directive EC 1935/2004 und EU10/2011
- Colors white, petrol, blue, black, green and special colors
- Anti-static designs and suitable for use in metal detectors
- Special resistance against wear and chemicals
- High and low temperatures
- Stress-strain behavior and tensile strength
- Pulley diameters (e.g. blade edges)

Hence, the conveyor belts always are designed for the intended application.

Keiper conveyor belts can be fitted with a wide variety of entraining elements such as cleats, guides, sidewalls or tracking guides. The endless splice is welded continuously or, if it needs to be mounted quickly, can be fitted with different types of mechanical fasteners.

For a wide spectrum of applications in all industrial sectors:
- Packaging plants
- Food industry
- Plant and machine construction
- Textile plants
- Materials handling, inter-company conveying
- Wood and glass industries
- Printing and paper processing
- Automotive industry

Subject to production-related modifications and typing errors. Version 07/2016

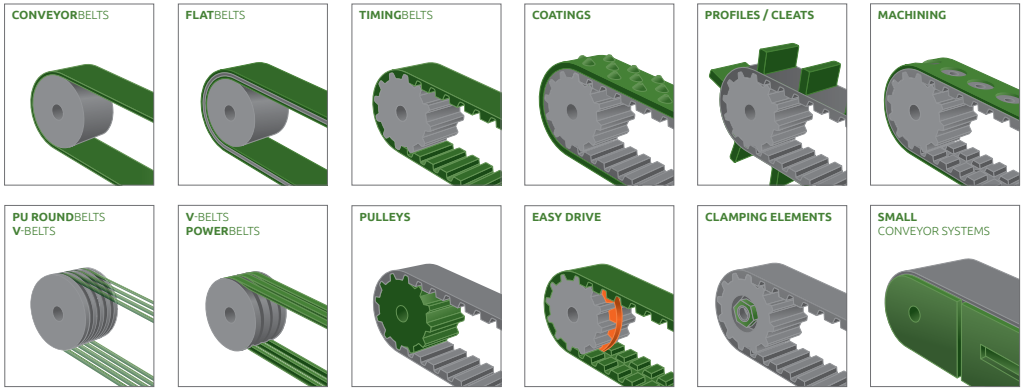
COMPANY

Welcome to KEIPER!
For more than 90 years we have been supplying reliable power transmission and conveyor technology for industrial, commercial and trade purposes. Dependable and fast. KEIPER in Fellbach near Stuttgart stands for many decades of engineering competence, experience and innovation. Our customers' requirements always are the focus of our work.

As a modern full-service partner, we deliver thought-out solutions for the diverse and continuously changing requirements in power transmission and conveyor systems. Our customers appreciate our personal support and cooperation, the diversity of our product range and our high flexibility.

Sound solutions for all sectors:
Close cooperation with our distribution partners enables us to produce the best possible products, and this is true also for custom-made products. Our development, design and production know-how is rounded off by meticulous quality control.

High-grade raw materials and continuous product development are the foundation of the high quality of all KEIPER products.



Practical relevance day after day: Based on our expert knowledge of the special characteristics of certain products, many years of experience in myriad sectors and constant communication with users, we are able to develop highly effective product solutions every day. Our extensive engineering skills and our team of experienced specialists ensure perfect power transmission and conveyor technology.

Certification: Our products and solutions as well as our daily work processes comply with the most stringent quality standards. KEIPER has ISO 9001:2008 Certification.

KEIPER – Performance moves.

Belt name	Traction layer			Conveying side				Running side				Technical data		
UNITRANS	Material	No. of fabrics	Property	Material	Color	Thickness (mm)	Surface	Material	Color	Thickness (mm)	Surface	Belt thickness (mm)	Weight (kg/sqm)	Operating temperature exposure (°C-/+)
1E/VW05	Polyester fabric	1	transverse stability	PVC	white	0.5	shiny	Fabric	neutral	0.0	Fabric	1.0	1.10	-15 / +80
1E/VB05	Polyester fabric	1	transverse stability	PVC	petrol	0.5	shiny	Fabric	neutral	0.0	Fabric	1.0	1.10	-5 / +80
2E/VW00	Polyester fabric	2	transverse stability	Fabric	neutral	0.0	Fabric	Fabric	neutral	0.0	Fabric	1.3	1.40	-15 / +80
2E/VW05	Polyester fabric	2	transverse stability	PVC	white	0.5	shiny	Fabric	neutral	0.0	Fabric	2.1	2.50	-15 / +80
2E/VHB05	Polyester fabric	2	transverse stability	PVC	light-blue	0.5	shiny	Fabric	neutral	0.0	Fabric	2.1	2.50	- 15 / + 80
2E/VB05	Polyester fabric	2	transverse stability	PVC	petrol	0.5	shiny	Fabric	neutral	0.0	Fabric	2.1	2.50	-5 / + 80
2E/VG05	Polyester fabric	2	transverse stability	PVC	green	0.5	shiny	Fabric	neutral	0.0	Fabric	2.0	2.20	- 10 / + 80
2E/VS05	Polyester fabric	2	transverse stability	PVC	black	0.5	shiny	Fabric	neutral	0.0	Fabric	1.9	2.20	- 5 / + 80
2E/VS05 matte	Polyester fabric	2	transverse stability	PVC	black	0.4	matte	Fabric	neutral	0.0	Fabric	1.8	2.10	- 5 / + 80
2E/VW07	Polyester fabric	2	transverse stability	PVC	white	2.0	shiny	Fabric	neutral	0.0	Fabric	3.9	4.50	-10 / + 90
2E/VG07	Polyester fabric	2	transverse stability	PVC	green	0.7	shiny	Fabric	neutral	0.0	Fabric	2.4	2,80	-5 / +80
2E/VB020	Polyester fabric	2	transverse stability	PVC	petrol	2.0	shiny	Fabric	neutral	0.0	Fabric	4.0	4,80	- 5 / + 80
2E/VW020	Polyester fabric	2	transverse stability	PVC	white	2.0	shiny	PU	neutral	0.1	Fabric impreg.	4.0	4,80	- 15 / + 80
2E/VW55	Polyester fabric	2	transverse stability	PVC	white	0.5	shiny	PVC	white	0.7	structure	2.7	2.95	- 15 / + 80
2E/VB55	Polyester fabric	2	transverse stability	PVC	petrol	0.5	shiny	PVC	petrol	0.7	structure	2.7	2.95	- 5 / + 80
2E/VSW00 ES	Polyester fabric	2	transverse stability	Fabric	black	0.1	Fabric impreg.	Fabric	neutral	0.0	Fabric	4.0	4.20	- 5 / + 80
2E/VPS00 ES	Polyester fabric	2	transverse stability	Fabric	black	0.1	Fabric impreg.	Fabric	neutral	0.0	Fabric	3.2	3.20	- 10 / + 90
3E/VW05	Polyester fabric	3	transverse stability	PVC	white	0.5	shiny	PU	neutral	0.1	Fabric impreg.	3.7	4.40	- 15 / + 80
3E/VB05	Polyester fabric	3	transverse stability	PVC	petrol	0.5	shiny	Fabric	neutral	0.0	Fabric	4.0	4.80	- 5 / + 80
3E/VB020	Polyester fabric	3	transverse stability	PVC	petrol	2,0	shiny	Fabric	neutral	0.0	Fabric	4.9	5.80	- 5 / + 80
2E/VW05 STR	Polyester fabric	2	transverse stability	PVC	white	0,5	structure	PU	neutral	0.1	Fabric impreg.	2.0	2.40	- 5 / + 80
2E/VHB05STR	Polyester fabric	2	transverse stability	PVC	light-blue	0,5	structure	PU	neutral	0.1	Fabric impreg.	2.15	2.40	- 10 / + 110
2E/VGR05 STR	Polyester fabric	2	transverse stability	PVC	grau	0.8	structure	Fabric	neutral	0.0	Fabric	2.4	2.80	- 5 / + 60
Grip petrol	Polyester fabric	2	transverse stability	PVC	blau	1.1	structure	Fabric	neutral	0.0	Fabric	2.8	2.70	- 10 / + 80
Mesh grip	Polyester fabric	2	transverse stability	PVC	blau	1.0	structure	Fabric	neutral	0.0	Fabric	2.8	3.00	- 15 / + 80
Supergrip	Polyester fabric	2	transverse stability	PVC	petrol	4.0	structure	Fabric	neutral	0.0	Fabric	5.1	4.00	- 5 / + 80
Linear groove	Polyester fabric	2	transverse stability	PVC	petrol	1.7	structure	Fabric	neutral	0.0	Fabric	3.2	3.50	- 5 / + 80
Knob W	Polyester fabric	2	transverse stability	PVC	white	1.2	structure	Fabric	neutral	0.0	Fabric	2.8	3.00	- 10 / + 80
Tooth grip W	Polyester fabric	2	transverse stability	PVC	white	2.0	structure	Fabric	neutral	0.0	Fabric	4.0	3.80	- 15 / + 90
Fish bone W	Polyester fabric	2	transverse stability	PVC	white	3.5	structure	Fabric	neutral	0.0	Fabric	5.5	4.80	- 15 / + 80
Linear groove SE	Polyester fabric	2	transverse stability	PVC	black	1.7	structure	LFR	grey	0.1	Fabric impreg.	3.2	3.50	- 10 / + 80
Mesh grip SE	Polyester fabric	2	transverse stability	PVC	black	1.0	structure	LFR	grey	0.1	Fabric impreg.	3.0	3.30	- 25 / + 70
Supergrip SE	Polyester fabric	2	transverse stability	PVC	black	4.0	Struktur	LFR	grey	0.1	Fabric impreg.	5.2	4.10	- 10 / + 80

Technical data			Property											
Tensile force for 1% elongation (N/mm)	Ø Min. pulley (mm)	Ø Min. pulley (mm) with counter flexion	EC 1935/2004 EU 10/2011	FDA	Anti-static	Use in metal detector	Oil + grease resistant	Smooth running fabric	Curved conveyor	Support rolls	Troughed installation	Production width (mm)	Other
5	10	25	√	√	No	√	√	No	No	√	No	3000	suitable for blade edges
5	10	25	No	No	√	No	√	No	No	√	No	3000	suitable for blade edges
9	20	20	√	√	No	√	No	No	No	√	No	3000	
10	35	55	√	√	No	√	√	No	No	√	No	3000	
10	35	55	√	√	No	√	√	No	No	√	No	3000	
10	35	55	No	No	√	No	√	No	No	√	No	3000	
8	30	50	No	No	√	No	No	No	No	√	No	3000	
10	35	35	No	No	√	√	No	√	No	√	No	3000	
8	20	50	No	No	No	√	√	No	No	√	No	3000	
10	60	120	√	√	√	√	√	No	No	√	No	2000	
8	50	60	No	No	√	√	conditional	No	con-ditional	√	No	3000	
17	80	100	No	No	√	No	√	No	No	√	No	3000	
17	80	100	√	√	No	√	√	No	No	√	No	3000	
7	50	50	√	√	No	√	√	-	No	√	No	2000	
7	50	50	No	No	√	√	√	-	No	√	No	2000	
22	80	100	No	No	√	No	√	No	No	√	No	3000	extremely resistant fabric
22	80	100	No	No	√	No	√	No	No	√	No	2000	extremely resistant fabric
22	110	140	√	√	No	√	√	No	No	√	No	3000	
22	100	120	No	No	√	No	√	No	No	√	No	3000	
22	120	150	No	No	√	√	√	No	No	√	No	3000	
10	30	50	√	√	No	√	√	No	No	√	No	3000	very high entraining
10	30	60	√	√	No	√	√	No	No	√	No	3250	very high entraining
8	40	60	No	No	No	√	√	No	No	√	No	2000	very high entraining
8	40	60	No	No	√	No	No	No	No	√	No	3000	very high entraining
8	40	80	No	No	√	No	No	√	No	√	No	3000	very high entraining
9	45	70	No	No	√	√	No	No	No	√	No	2000	very high entraining
9	45	70	No	No	√	No	No	No	No	√	No	2000	very high entraining
8	25	50	√	√	No	√	√	No	con-ditional	con-ditional	con-ditional	2000	very high entraining
8	60	120	√	√	No	√	√	No	No	√	No	2000	very high entraining
14	100	160	√	√	No	√	√	No	No	√	No	2000	very high entraining
15	50	60	No	No	√	No	No	√	No	√	No	2000	low inflammability, very high entraining
11	50	80	No	No	√	No	limited	√	No	√	No	2050	low inflammability, very high entraining
15	45	70	No	No	√	No	No	√	No	√	No	2000	low inflammability, very high entraining

The table shows our standard range of conveyor belts. In addition, we have a large range of special belts and can produce individual conveyor belts based on the customer's specifications.

Belt name	Traction layer			Conveying side				Running side				Technical data		
STABILOFLEX	Material	No. of fabrics	Property	Material	Color	Thickness (mm)	Surface	Material	Color	Thickness (mm)	Surface	Belt thickness (mm)	Weight (kg/sqm)	Operating temperature exposure (°C -/+)
1E/PW02	Polyester fabric	1	transverse stability	PU	white	0.2	matte	PU	neutral	0.1	Fabric impreg.	0.8	0.80	- 30 / + 80
1E/PW02 G	Polyester fabric	1	transverse stability	PU	white	0.25	shiny	PU	neutral	0.1	Fabric impreg.	0.7	0.76	- 25 / + 60
1E/PW03 G	Polyester fabric	1	transverse stability	PU	white	0.3	shiny	Fabric	neutral	0.0	Fabric	0.8	1,00	- 20 / + 90
1E/PW03 Q	Polyester fabric	1	transverse stability	PU	white	0.3	matte	PU	neutral	0.1	Fabric impreg.	1.0	1,10	- 25 / + 60
1E/PW03 QG	Polyester fabric	1	transverse stability	PU	white	0.3	shiny	PU	neutral	0.1	Fabric impreg.	1.0	1,10	- 25 / + 60
1E/PHB03 QG	Polyester fabric	1	transverse stability	PU	light-blue	0.3	shiny	PU	neutral	0.1	Fabric impreg.	1.0	1.10	- 25 / + 60
1E/PHB05	Polyester fabric	1	transverse stability	PU	light-blue	0.50	matte	Fabric	neutral	0.0	Fabric	1.3	1.30	- 20 / + 100
1E/PB02	Polyester fabric	1	transverse stability	PU	petrol	0.3	matte	PU	neutral	0.1	Fabric impreg.	0.8	0.90	- 20 / + 90
1E/PW05 STR	Polyester fabric	1	transverse stability	PU	white	0.5	structure	PU	neutral	0.1	Fabric impreg.	1.2	1.10	- 10 / + 90
1E/PHB05 STR	Polyester fabric	1	transverse stability	PU	light-blue	0.5	structure	Fabric	neutral	0.0	Fabric	1.5	1.00	- 20 / + 100
T08/U/HG	Polyester fabric	1	transverse stability	PU	white	0.2	shiny	PU	white	0.1	Fabric impreg.	0.8	0.70	- 40 / + 60
T04 green	Polyester fabric	1	transverse stability	PU	green	0.2	shiny	PU	green	0.1	Fabric impreg.	0.6	0.60	- 20 / + 100
T04 amber	Polyester fabric	1	transverse stability	PU	amber	0.2	shiny	PU	amber	0.1	Fabric impreg.	0.6	0.60	- 30 / + 80
T04 EMB amber	Polyester fabric	1	transverse stability	PU	amber	0.3	structure	PU	neutral	0.1	Fabric impreg.	0.7	0.70	- 20 / + 100
2E/PW00	Polyester fabric	2	transverse stability	Fabric	white	0.0	Fabric	Fabric	neutral	0.0	Fabric	1.0	1.10	- 30 / + 90
2E/PHB00	Polyester fabric	2	transverse stability	Fabric	light-blue	0.1	Fabric impreg.	Fabric	neutral	0.0	Fabric	0.9	1.00	- 20 / + 100
2E/PS00 HC	Polyester fabric	2	transverse stability	Fabric	black	0.1	Fabric impreg.	Fabric	black	0.0	Fabric	1.2	1.15	- 30 / + 80
2E/PW02	Polyester fabric	2	transverse stability	PU	white	0.2	matte	PU	neutral	0,1	Fabric impreg.	1.3	1.40	- 30 / + 80
2E/PW03 G	Polyester fabric	2	transverse stability	PU	white	0.3	shiny	Fabric	neutral	0,0	Fabric	1.5	1.60	- 20 / + 90
2E/PW02 ES	Polyester fabric	2	transverse stability	PU	white	0.25	matte	PU	neutral	0,1	Fabric impreg.	1.2	1.35	- 10 / + 90
2E/PW02 GES	Polyester fabric	2	transverse stability	PU	white	0.25	shiny	PU	neutral	0,1	Fabric impreg.	1.2	1.35	- 10 / + 90
2E/PW02 matte K	Polyester fabric	2	transverse stability	PU	white	0.2	matte	Fabric	neutral	0,0	Fabric	1.2	1.30	- 20 / + 80
2E/PHB03	Polyester fabric	2	transverse stability	PU	light-blue	0.3	matte	PU	light-blue	0,1	Fabric impreg.	1.45	1.20	- 20 / + 100
2E/PHB05	Polyester fabric	2	transverse stability	PU	light-blue	0.5	matte	Fabric	light-blue	0,0	Fabric	1.4	1.50	- 20 / + 100
2E/PG02	Polyester fabric	2	transverse stability	PU	green	0.2	matte	PU	neutral	0.1	Fabric impreg.	1.3	1.40	- 20 / + 100
2E/PB02	Polyester fabric	2	transverse stability	PU	petrol	0.2	matte	PU	neutral	0.1	Fabric impreg.	1.4	1.60	- 20 / + 90
2E/PS02	Polyester fabric	2	transverse stability	PU	black	0.2	matte	PU	neutral	0.1	Fabric impreg.	1.3	1.40	- 20 / + 100
2E/PW22	Polyester fabric	2	transverse stability	PU	white	0.2	shiny	PU	white	0.2	shiny	1.5	1.70	- 20 / + 100
2E/PW010 Grip	Polyester fabric	2	transverse stability	PU	white	1.0	structure	PU	neutral	0.1	Fabric impreg.	2.9	3.00	- 20 / + 90
3E/PB02	Polyester fabric	3	transverse stability	PU	petrol	0.3	matte	PU	neutral	0.1	Fabric impreg.	2.3	2.80	- 20 / + 90
2E/PSW00 V	Polyester fabric	2	transverse stability	Fabric	black	0.1	Fabric impreg.	Fabric	neutral	0.0	Fabric	3.5	3.5	-10 / + 70

Technical data			Property											
Tensile force for 1% elongation (N/mm)	Ø Min. pulley (mm)	Ø Min. pulley (mm) with counter flexion	EC 1935/2004 EU 10/2011	FDA	Anti-static	Use in metal detector	Oil + grease resistant	Smooth running fabric	Curved conveyor	Support rolls	Troughed installation	Production width (mm)	Other
5	10	15	√	√	√	√	√	No	No	√	No	3000	suitable for blade edges
5	6	20	√	√	√	No	√	No	No	No	No	2000	suitable for blade edges
4	10	30	√	√	√	No	√	No	No	√	No	2000	suitable for blade edges
5	6	20	√	√	No	√	√	No	No	√	No	2000	high transverse stability, suitable for blade edges
5	6	20	√	√	No	√	√	No	No	√	No	2000	high transverse stability, suitable for blade edges
5	6	20	√	√	No	√	√	No	No	√	No	2000	high transverse stability, suitable for blade edges
3	8	8	√	√	√	No	√	No	No	√	No	2000	suitable for blade edges
4	8	20	√	√	√	√	√	No	No	No	No	2000	suitable for blade edges
5	10	30	√	√	√	No	√	No	No	√	No	2000	very high entraining
6	10	10	√	√	√	No	√	No	No	√	No	2000	very high entraining
4	8	15	√	√	No	√	√	No	No	√	No	2000	highly adhesive, suitable for blade edges
4	8	16	√	√	No	√	√	No	No	√	No	2000	suitable for blade edges
3	15	15	√	√	No	√	√	No	No	No	No	2400	suitable for blade edges
4	8	16	√	√	No	√	√	No	No	√	No	2000	suitable for blade edges
6	10	20	√	√	√	√	√	No	No	No	No	3000	low friction value
5	8	8	√	√	√	No	√	No	No	√	No	2000	low friction value
6	20	20	No	No	DIN 12882	No	√	No	No	√	No	2400	EST-value 300 - 700 Ohm (EN1637/ISO284)
8	15	30	√	√	√	No	√	No	No	No	No	3000	
8	20	60	√	√	√	No	√	No	No	√	No	2500	
8	10	30	√	√	√	No	√	No	No	√	No	2000	
8	10	30	√	√	√	No	√	No	No	√	No	2000	
8	15	15	√	√	No	√	√	No	con-ditional	con-ditional	No	2000	
17	30	50	√	√	√	No	√	No	No	√	No	3250	
5	10	10	√	√	√	No	√	No	No	√	No	2000	
6	12	24	√	√	√	√	√	√	No	√	No	2000	non-fraying fabric
8	15	40	√	√	√	No	√	No	No	√	No	1900	
6	12	24	No	No	√	No	con-ditional	√	No	√	No	2000	non-fraying fabric
7	25	35	√	√	√	√	√	-	No	√	No	2000	
8	60	80	√	√	√	No	√	No	No	√	No	2500	very high entraining
12	70	110	√	√	√	No	√	No	No	√	No	2000	
12	100	100	No	No	√	No	√	No	No	√	No	2000	extremely resistant fabric

The table shows our standard range of conveyor belts. In addition, we have a large range of special belts and can produce individual conveyor belts based on the customer's specifications.

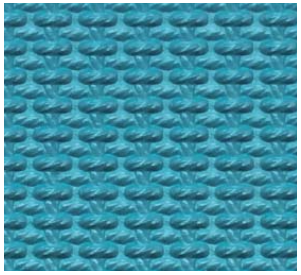
Belt name	Traction layer			Conveying side				Running side				Technical data		
RAPID	Material	No. of fabrics	Property	Material	Color	Thickness (mm)	Surface	Material	Color	Thickness (mm)	Surface	Belt thickness (mm)	Weight (kg/sqm)	Operating temperature exposure (°C -/+)
1E/SW03	Polyester fabric	1	transverse stability	Silicone	transpa-rent	0.3	shiny	Fabric	neutral	0.1	Fabric impreg.	1.0	1.00	- 20 / + 100
2E/SW02	Polyester fabric	2	transverse stability	Silicone	transpa-rent	0.2	shiny	PU	neutral	0.1	Fabric impreg.	1.5	1.70	- 30 / + 120
2E/SB02	Polyester fabric	2	transverse stability	Silicone	light-blue	0.2	shiny	PU	neutral	0.1	Fabric impreg.	1.3	1.50	- 20 / + 90
2E/SW03	Polyester fabric	2	transverse stability	Silicone	transpa-rent	0.3	shiny	PU	neutral	0.1	Fabric impreg.	1.8	2.00	- 15 / + 80
2E/SW04 HT	Polyester fabric	2	transverse stability	Silicone	white	0.3	shiny	Fabric	neutral	0.1	Fabric impreg.	1.60	1.70	- 40 / + 180
2E/PES30	Polyester fabric	2	transverse stability	PES 30	black	1.0	Polyester Fleece	Fabric	neutral	0.0	Fabric	3.0	2.80	- 10 / + 100
PES25 AS	Polyester fabric	1	flexible	Polyester Fleece	dark gray	-	Polyester Fleece	Non-woven	dark gray	-	Polyester Fleece	2.5	1.60	- 10 / + 120
PES25 FDA	Polyester fabric	1	flexible	Polyester Fleece	white	-	Polyester Fleece	Non-woven	white	-	Polyester Fleece	2.5	1.60	- 10 / + 120
PES40 AS	Polyester fabric	1	flexible	Polyester Fleece	dark gray	-	Polyester Fleece	Non-woven	dark gray	-	Polyester Fleece	4.0	2.60	- 10 / + 120
PES55 AS	Polyester fabric	1	flexible	Polyester Fleece	dark gray	-	Polyester Fleece	Non-woven	dark gray	-	Polyester Fleece	5.5	3.50	- 10 / + 120
2EC/V00	Polyester/ cotton	2	flexible	BW/PE	neutral	0.0	Fabric	BW/PE	neutral	0.0	Fabric	1.4	1.40	- 10 / + 90
2E/VW05 Filz	Polyester fabric	2	conditional transverse stability	Felt	white	1.0	Filz	Fabric	white	0.0	Fabric	3.4	2.50	- 20 / + 70
2E/GS015	Polyester fabric	2	transverse stability	NBR	black	1.0	glatt	Fabric	brown/ rot	0.0	Fabric	3.0	3.20	- 30 / + 120
Supergrip G brown	Polyester / Nylon	2	flexible	Rubber	brown	3.3	Super-grip	Fabric	neutral	0.0	Fabric	6.7	5.00	- 15 / + 80

Technical data			Property										
Tensile force for 1% elongation (N/mm)	Ø Min. pulley (mm)	Ø Min. pulley (mm) with counter flexion	EC 1935/2004 EU 10/2011	FDA	Anti-static	Use in metal detector	Oil + grease resistant	Smooth running fabric	Curved conveyor	Support rolls	Troughed installation	Production width (mm)	Other
3	8	8	√	√	√	No	√	No	No	√	No	2000	highly adhesive, heat resistant
10	50	50	√	√	√	No	√	No	No	√	No	2050	highly adhesive, heat resistant
8	40	60	√	√	√	No	√	No	No	√	No	2000	highly adhesive, heat resistant
10	40	60	No	√	√	√	√	No	No	con-ditional	No	3000	highly adhesive, heat resistant
4	40	40	√	√	√	No	√	No	No	√	No	2000	highly adhesive, heat resistant
9	30	60	No	No	√	No	conditional	No	No	√	No	2000	
10	20	20	No	No	√	No	√	-	√	√	con-ditional	2000	permanently anti-static 5 x 107 Ω
10	20	20	No	√	No	√	√	-	√	√	con-ditional	2000	
10	70	70	No	No	√	No	√	-	√	√	con-ditional	2000	permanently anti-static 5 x 107 Ω
10	120	120	No	No	√	No	√	-	√	√	con-ditional	2000	permanently anti-static 5 x 107 Ω
6	15	15	√	√	No	√	√	-	√	√	√	3000	
4	30	50	√	√	√	√	√	No	No	√	√	2000	
8	60	100	No	No	No	√	√	No	No	√	No	1600	
10	120	150	No	No	No	√	No	No	No	con-ditional	√	1800	very high entraining

Belt name	Traction layer			Conveying side				Running side				Technical data		
FLEX	Material	No. of fabrics	Property	Material	Color	Thickness (mm)	Surface	Material	Color	Thickness (mm)	Surface	Belt thickness (mm)	Weight (kg/sqm)	Operating temperature exposure (°C -/+)
FLEX GP10 green	Polyure-than	-	elastic	PU	green	0,5	Fine structure	PU	black	0,5	Fine structure	1,0	1,20	- 20 / + 60
FLEX GP10 white	Polyure-than	-	elastic	PU	white	-	shiny	PU	white	-	Fine structure	1,0	1,20	- 20 / + 60
FLEX GP12 H	Polyure-than	-	elastic	PU	green	0,6	Fine structure	PU	black	0,5	Fine structure	1,1	1,20	- 30 / + 60
FLEX GP15 H	Polyure-than	-	elastic	PU	green	1,0	Fine structure	PU	black	0,5	Fine structure	1,5	1,60	- 30 / + 60
FLEX GPG14 H	Polyure-than	-	elastic	NBR	green	0,5	Fine structure	NBR	black	0,5	Rough structure	1,5	1,40	- 20 / + 60

Technical data			Property										
Tensile force for 1% elongation (N/mm)	Ø Min. pulley (mm)	Ø Min. pulley (mm) with counter flexion	EC 1935/2004 EU 10/2011	FDA	Anti-static	Use in metal detector	Oil + grease resistant	Smooth running fabric	Curved conveyor	Support rolls	Troughed installation	Production width (mm)	Other
2N (8%)	10	15	No	No	√	No	√	-	No	√	√	2000	elastic belt for fixed center distances
2N (8%)	10	10	√	√	No	√	conditional	-	No	√	√	1700	elastic belt for fixed center distances
1,4N (8%)	10	10	No	No	√	No	conditional	-	√	√	√	1440	elastic belt for fixed center distances
3,3N (8%)	15	15	No	No	√	No	conditional	-	√	√	√	1440	elastic belt for fixed center distances
2,6N (8%)	15	15	No	No	√	No	conditional	-	√	√	√	1200	elastic belt for fixed center distances

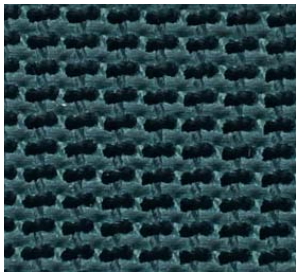
The table shows our standard range of conveyor belts. In addition, we have a large range of special belts and can produce individual conveyor belts based on the customer's specifications.


Grip

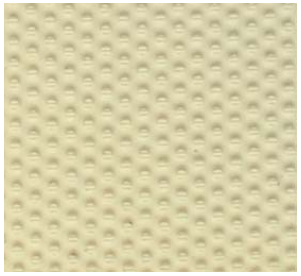

Cross groove

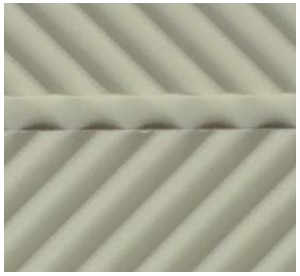

Linear groove


Meshgrip

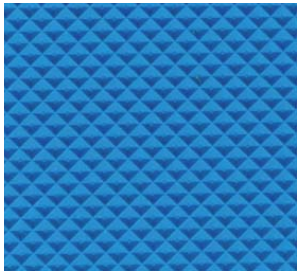

Supergrip


Fabric

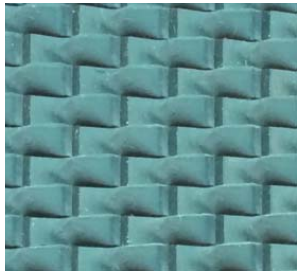

Knob


Fish bone


Toothgrip

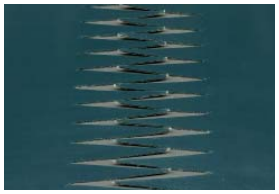

STR (Waffle)

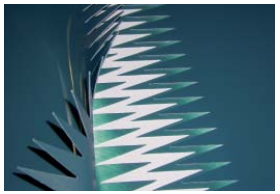

STR

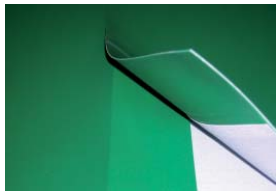

Big Grip

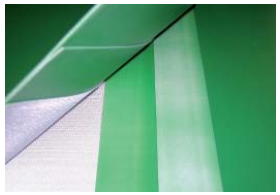
Types of splices
Depending on the material and intended application, we use a wide variety of fasteners in the production of seamless conveying and process belts.

Continuous bonding


Finger joining


Multiple finger joining


Two-step joining


Three-step joining


Conical joint

Mechanical fasteners


Polyester fastener

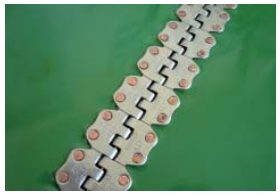

Welded belt hook


Welded belt hook

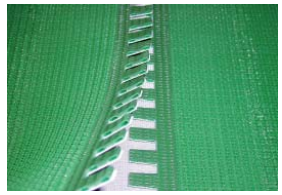

Steelgrip fastener


Belt hook


Self-lock fastener


Nieka fastener

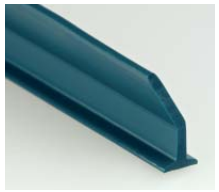
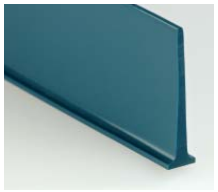
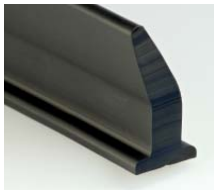
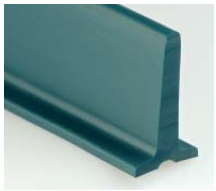

Alligator plastic fastener


PVC/PU Minet lacing

PVC or PU cleats are homogeneously welded onto the surface in high-frequency welding machines or bonded securely to the belting in a bonding process. Cleats and entraining elements are used in ascending or descending conveyor systems, for linear movements and when lateral forces occur. They ensure that the products to be conveyed are carried along, transported and placed correctly.

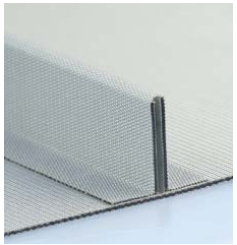
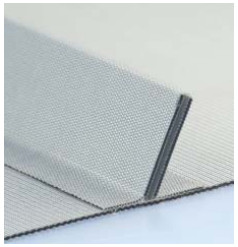
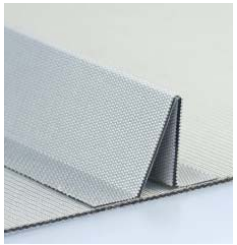
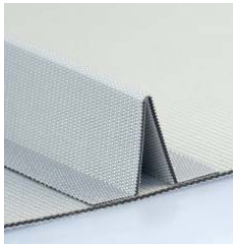
Designs
- Straight 90° (T), slanted 60° (S) or angled (L)
- Standard with foot or without foot on request
- Depending on the design, the cleats are resistant to oil and grease and suitable for use with food

Colors
- PVC white, light-blue, blue, petrol, green, black
- PU white, light-blue, blue, petrol, green, black

PVC and PU cleats with solid

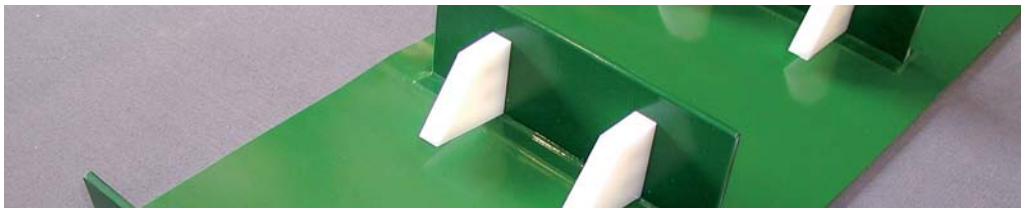
Profile	Material	Height in mm	Foot width in mm	Hardness °ShoreA	min. pulley-Ø in mm	Weight ca. in g/m	Design
PVC-T20	PVC	20	20	65	50	0,3	straight 90°
PVC-T30	PVC	30	25	65	70	0,4	straight 90°
PVC-T40	PVC	40	25	65	100	0,5	straight 90°
PVC-T50	PVC	50	30	65	120	0,9	straight 90°
PVC-T60	PVC	60	30	65	150	1,4	straight 90°
PVC-T75	PVC	75	40	65	190	1,7	straight 90°
PVC-S30	PVC	30	25	65	75	0,45	slanted 60°
PVC-S40	PVC	40	30	65	100	0,6	slanted 60°
PVC-S50	PVC	50	30	65	125	0,95	slanted 60°
PVC-S60	PVC	60	40	65	150	1,5	slanted 60°
PVC-S75	PVC	75	45	65	195	1,8	slanted 60°
PU-T10	PU	10	15	85	50	60	straight 90°
PU-T20	PU	20	10	85	50	90	straight 90°
PU-T25	PU	25	15	85	50	120	straight 90°
PU-T30	PU	30	10	85	50	150	straight 90°
PU-T40	PU	40	10	85	50	160	straight 90°
PU-T50	PU	50	10	85	50	165	straight 90°
PU-T60	PU	60	12	85	50	270	straight 90°
PU-L40	PU	40	15	85	50	195	angled

PVC and PU cleats made of belt material

Profile	Material	Height in mm	Foot width in mm	Hardness °ShoreA	min. pulley-Ø in mm	Weight ca. in g/m	Design
PVC-TG20	PVC	20	35	n.A.	30	n.A.	straight 90°
PVC-TG30	PVC	30	35	n.A.	45	n.A.	straight 90°
PVC-TG40	PVC	40	35	n.A.	60	n.A.	straight 90°
PVC-TG50	PVC	50	55	n.A.	75	n.A.	straight 90°
PVC-TG60	PVC	60	55	n.A.	90	n.A.	straight 90°
PVC-TG70	PVC	70	55	n.A.	100	n.A.	straight 90°
PVC-TG80	PVC	80	55	n.A.	120	n.A.	straight 90°
PVC-TG100	PVC	100	55	n.A.	150	n.A.	straight 90°
PVC-TG110	PVC	110	55	n.A.	165	n.A.	straight 90°
PVC-SG30	PVC	30	55	n.A.	45	n.A.	slanted 60°
PVC-SG40	PVC	40	55	n.A.	60	n.A.	slanted 60°
PVC-SG50	PVC	50	55	n.A.	75	n.A.	slanted 60°
PVC-SG60	PVC	60	55	n.A.	90	n.A.	slanted 60°
PVC-SG75	PVC	75	55	n.A.	110	n.A.	slanted 60°
PVC-SG95	PVC	95	55	n.A.	140	n.A.	slanted 60°
PU-TG20	PU	20	20	n.A.	30	n.A.	straight 90°
PU-TG30	PU	30	20	n.A.	50	n.A.	straight 90°
PU-TG40	PU	40	20	n.A.	60	n.A.	straight 90°
PU-TG50	PU	50	20	n.A.	75	n.A.	straight 90°
PU-TG60	PU	60	20	n.A.	90	n.A.	straight 90°
PU-TG80	PU	80	20	n.A.	120	n.A.	straight 90°
PU-SG30	PU	30	30	n.A.	50	n.A.	slanted 60°
PU-SG40	PU	40	30	n.A.	60	n.A.	slanted 60°
PU-SG50	PU	50	30	n.A.	75	n.A.	slanted 60°
PU-SG60	PU	60	30	n.A.	90	n.A.	slanted 60°
PU-SG80	PU	80	30	n.A.	120	n.A.	slanted 60°

Keiper also has a large range of special cleats, such as profiled cleats made of belt material, wave, loop, felt and fabric cleats, finger profiles or cleats produced according to the customer's individual specifications.



GUIDES

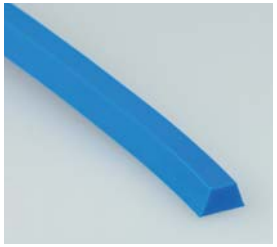
Guides made of thermoplastic PVC or PU are homogeneously welded onto the surface in high-frequency welding machines or bonded securely to the belting in a bonding process.

Wedge guides are used to ensure that the belt is guided directionally correct and stably on the conveying system and to prevent the conveyor belt from running off.

Entraining elements are used in ascending or descending conveyor systems, for linear movements and when there are lateral forces. They ensure that the products to be conveyed are carried along, transported and placed correctly.

Designs
- V-shape profile (K) smooth or notched, block profile (V) or rectangular profile (R)
- Depending on the design, they are resistant to oil and grease and suitable for use with food

Colors
- PVC white, blue, petrol, green, black
- PU white, transparent, light-blue, blue, petrol, green, black



Profile	Material	Width in mm	Height in mm	Hardness °ShoreA	min. pulley - Ø in mm			Weight ca. in g/m
					Cross profile	Longitudinal profile CS	Longitudinal profile RS	
PVC - K6x4	PVC	6	4	65	30	70	40	25
PVC - K8x5	PVC	8	5	65	40	100	50	45
PVC - K10x6	PVC	10	6	65	50	120	60	60
PVC - K13x8	PVC	13	8	65	60	150	80	100
PVC - K15x8	PVC	15	8	65	70	170	80	130
PVC - K17x11	PVC	17	11	65	80	180	110	170
PVC - K22x14	PVC	22	14	65	120	220	140	280
PVC - K30x16	PVC	30	16	65	-	250	200	480
PVC - V10x10	PVC	10	10	65	50	130	100	170
PVC - V15x15	PVC	15	15	65	70	180	150	270
PVC - R20x15	PVC	20	15	65	100	250	200	360
PU - K6x4	PU	6	4	85	30	50	40	25
PU - K8x5	PU	8	5	85	40	80	50	40
PU - K10x6	PU	10	6	85	50	110	60	60
PU - K13x6,5	PU	13	6,5	85	60	130	70	85
PU - K13x8	PU	13	8	85	60	140	80	96
PU - K17x11	PU	17	11	85	80	160	110	170
PU - R19x8	PU	19	8	85	100	200	100	280

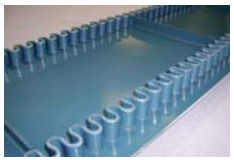
SIDEWALLS

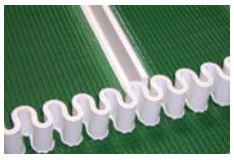
Sidewalls made of thermoplastic PVC or PU are homogeneously welded onto the surface of conveyor belts. The standard design of sidewalls is without a foot; however, they can be supplied with a foot on request.

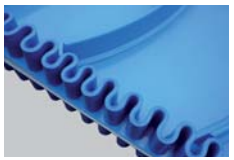
Sidewalls are used as margin stops, usually together with cleats and entraining elements, in ascending or descending conveyor systems. The sidewalls prevent the products from falling off the sides of the belt.

Designs
- Without and with fabric inserts
- Depending on the design, they are resistant to oil and grease and suitable for use with food
- Special materials, such as Celloflex, are possible

Colors
- PVC white, blue, petrol, green, black
- PU white, light-blue, blue, petrol, green





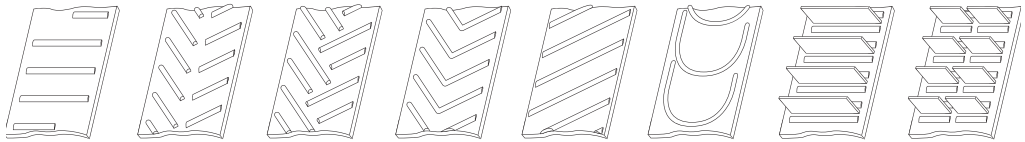


Name	Material	Height in mm	Width in mm	Hardness °ShoreA	min. pulley-Ø in mm	Weight ca. in g/m
WPVC 20/25	PVC	20	25	65	40	35
WPVC 20/35	PVC	20	35	65	50	40
WPVC 30/25	PVC	30	25	65	60	45
WPVC 30/35	PVC	30	35	65	75	50
WPVC 40/25	PVC	40	25	65	80	55
WPVC 40/35	PVC	40	35	65	100	60
WPVC 40/50	PVC	40	50	65	100	80
WPVC 50/40	PVC	50	40	65	100	90
WPVC 50/50	PVC	50	50	65	125	100
WPVC 60/40	PVC	60	40	65	120	110
WPVC 60/50	PVC	60	50	65	150	125
WPVC 70/50	PVC	70	50	65	175	130
WPVC 80/50	PVC	80	50	65	200	135
WPVC 90/50	PVC	90	50	65	225	145
WPVC 100/50	PVC	100	50	65	250	165
WPVC 110/50	PVC	110	50	65	275	180
WPVC 120/50	PVC	120	50	65	300	200
WPU 20/20	PU	20	20	85	50	10
WPU 20/25	PU	20	25	85	50	10
WPU 20/30	PU	20	30	85	50	15
WPU 30/20	PU	30	20	85	50	15
WPU 30/25	PU	30	25	85	60	15
WPU 30/30	PU	30	30	85	50	15
WPU 40/20	PU	40	20	85	80	25
WPU 40/25	PU	40	25	85	80	25
WPU 40/30	PU	40	30	85	80	30
WPU 50/20	PU	50	20	85	100	40
WPU 50/30	PU	50	30	85	125	40
WPU 50/40	PU	50	40	85	125	45
WPU 60/30	PU	60	30	85	150	50
WPU 60/40	PU	60	40	85	150	55
WPU 60/50	PU	60	50	85	150	60
WPU 80/50	PU	80	50	85	200	70
WPU 100/50	PU	100	50	85	250	90

Other designs on request.

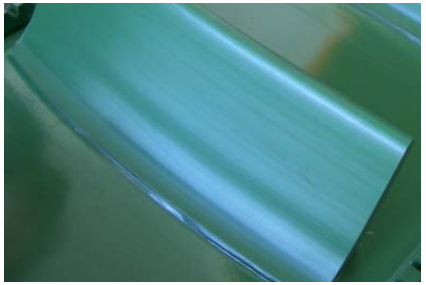
Cleats and guides can be welded or bonded onto the belting in a large number of different arrangements. The overview and table shows the eight standard arrangements for entraining elements as well as the available types of profiles and cleats for each one.

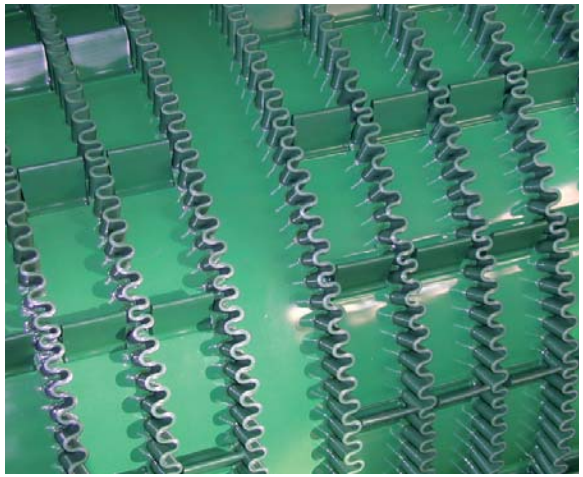
We can supply other, individual arrangements of entraining elements on request.



Entraining elem. – cleat types	1	2	3	4	5	6	7	8
V-shape profile	x	x	x	x	x	x	x	x
Block profile	x	x	x	x	x	x	x	x
Rectangular profile	x	x	x	x	x	x	x	x
T, S, L cleats	x	o	o	o	o	–	x	x
TG, SG, LG cleats	x	–	–	–	–	–	x	x

x Arrangement possible
o Arrangement possible under certain conditions with thin lateral cuts
– Arrangement not possible





Keiper's SPRINTA endless belts are produced without any splice or seam for many different transport and power transmission applications. SPRINTA belts are made of endless traction layers, e.g. polyester, polyamide, cotton, aramid, combined with coatings of polyurethane, different elastomers and silicone, or purely elastic materials like polyurethane or elastomers.

Designs
- Elastic, half-elastic or highly stable
- Polyester, polyamide, cotton or aramid fabric
- Polyurethane, silicone or elastomer coatings
- Large range of subsequent shaping possibilities
- FDA and EC approval for conveying foodstuffs is possible

Properties
- Uniform elongation values, tear strength and thickness tolerances along the entire length of the belt
- Highly flexible for very small bending radiuses, blade edges and frequently changing bends
- Very smooth running properties since they are made without any seams
- Low pretension strength and bearing loads

Applications
- Office equipment and machines, paper handling, tape drives, card readers
- Banking equipment and banknote handling, ATMs
- Printing and paper industries, unwinding and catching machines, continuous form processing
- Postal systems and mail processing, letter sorting, feed units, inserters, folding machines
- Packaging plants, filling, weighing and sealing machines, bottle labels, labellers
- Tube winder belts for tubes and composite cans
- Power transmission for light to heavy drives, angular, cross and spindle drive

MESH FILTER BELTS

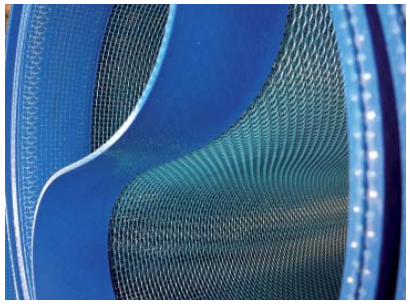
KEIPER mesh filter belts are made of stable monofilament polyester fibers that are woven into an open-meshed fabric. By changing the number and diameter of the fibers, the mesh size and permeability of the fabric can be adapted to the specific requirements of the conveying application. Filter conveyor belts are particularly well suited for applications where the product being conveyed continuously needs to be filtered, to drip-off and to be dried.

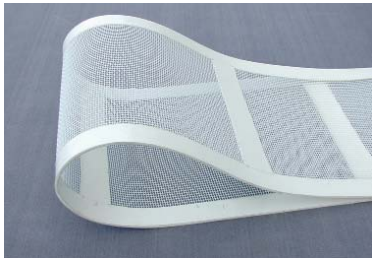
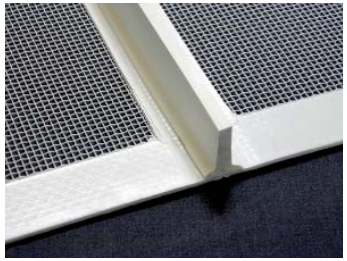
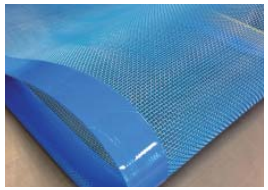
Designs
- Edge and transverse reinforcement for higher stability and better belt control
- Various mesh sizes, manufactured to size
- Endless splice by means of mechanical fasteners made of plastic or stainless steel
- Different kinds of guide rails and entraining elements

Properties
- FDA and EC approval for conveying foodstuffs
- Good resistance to various chemicals
- Resistant to oil and grease
- Excellent wear resistance
- Simple installation
- Easy to clean

Applications
- Fruit and vegetable processing, washing and drying
- Fish processing, draining and washing
- Drying and cooling processes
- Filtering and sieving mud products
- Treating contaminated water
- Drainage processes

Type	Mesh width	Permeability	Color
500MYB	500 µm	39	blue
500MYW	500 µm	22	white
1000MYB	1000 µm	30	blue
2000MYB	2000 µm	41	blue
3000MYB	3000 µm	51	blue
3360MYW	3360 µm	54	white
4000MYB	4000 µm	59	blue

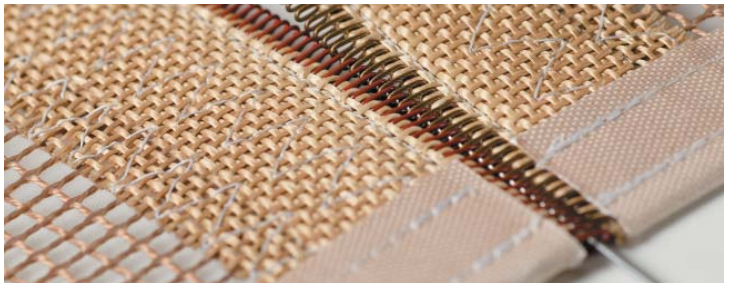
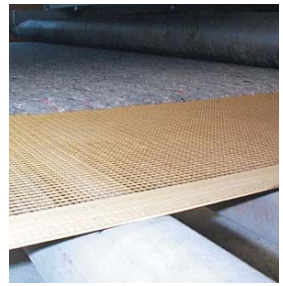
PTFE CONVEYOR BELTS

Keiper PTFE conveyor belts are made of high-quality glass-fiber or aramid fabrics that are coated with PTFE. They exhibit high non-stick properties, can be used in applications with high temperatures and are resistant to chemicals. Hence, they can be used in innumerable industrial applications.

Designs
- Closed surface or open meshed
- Anti-static and not anti-static
- Edge reinforcement and lining for more stability and better belt control
- Continuously bonded endless splice or with different mechanical fasteners
- Different guiding possibilities
- Can be fitted according to the customer's specifications

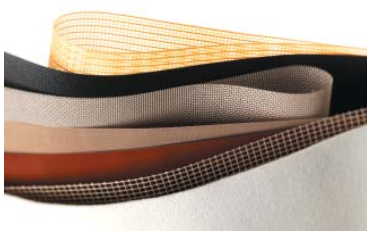
Properties
- Temperature resistant from -150°C to +260°C over an extended time, short-term to 300°C
- Outstanding non-stick and gliding properties
- Resistant against almost all chemicals and solvents
- Tear resistant and dimensionally stable
- Physiologically safe, approved for use with foodstuffs
- UV, IR and hot-air resistant

Applications
- Foodstuffs industry
- Screen printing dryer
- Press plate production
- Compaction of nonwovens
- Feed and cooling belts







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