BEHAbelt® Made in Germany

PU grip Logistics conveyor belts

Non-slip surfaces for incline conveyors

SOFT. GRIPPY. RELIABLE.

- Specially developed for incline conveyors. For the safe and non-slip grip on conveyed goods such as boxes and parcels.
- Reliable grip even with low contact pressure.
- 2-component design with hard bottom side (Shore 84°A) for optimized sliding properties for energy-efficient belt running and lower bearing loads.
- Soft conveyor side (Shore 60°A) ensures excellent grip with the conveyed goods.
- 2 proven belt surfaces to choose from.

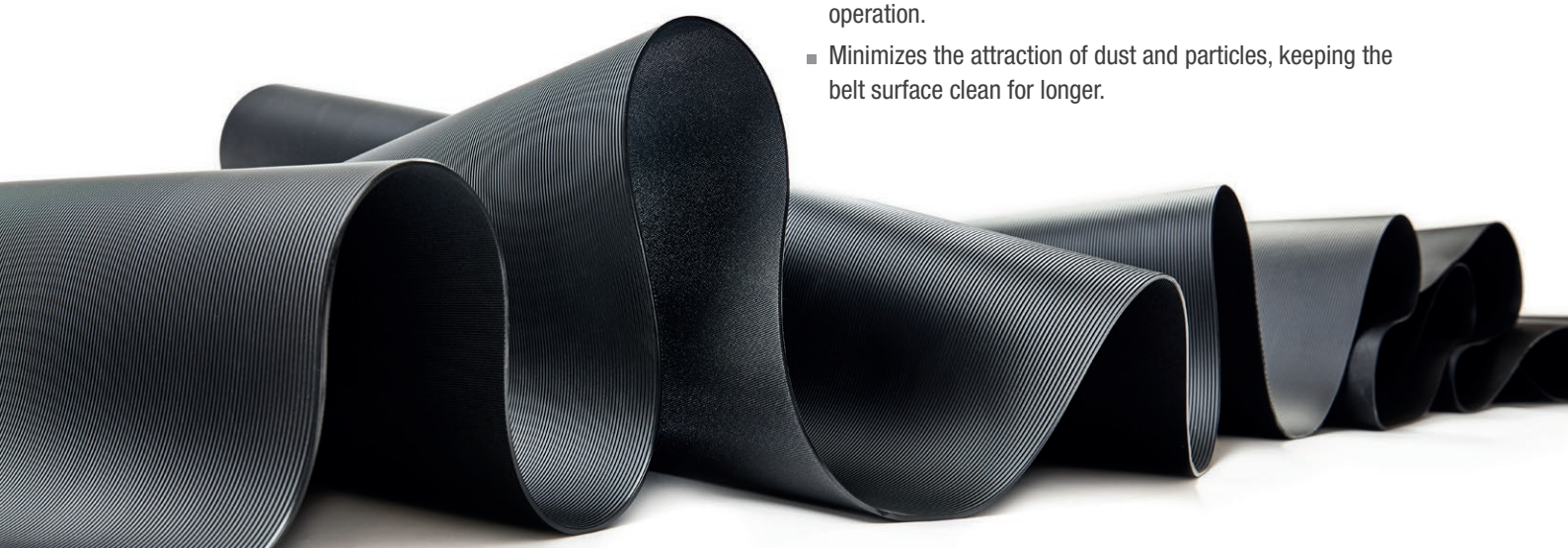
ADVANTAGES OF THE BELT STRUCTURE

- Specially designed longitudinal or transversal grooves.
- Excellent grip for the conveyed material.
- Profiled backs ensure maximum grip and safe transport of the products.
- Dust and particles collect specifically in the profile recesses and the surface remains permanently clean and functional.
- The deposited dirt falls out reliably when the belt is deflected.

Give us a call! We will be happy to advise you.
+49 7684 9070

ANTISTATIC

- Antistatic equipment reduces electrostatic charging during operation.
- Minimizes the attraction of dust and particles, keeping the belt surface clean for longer.



3 technologies. One goal: maximum grip for efficient belt running. The new “TGA” transversal-groove structure

1 COEFFICIENT OF FRICTION

Sure grip thanks to soft PU

- Maximum grip on the top of the belt to prevent the conveyed goods from slipping.
- The soft PU surface creates a high coefficient of friction and ensures that even light or sensitive conveyed goods are transported safely.

Advantages at a glance:

- High coefficient of friction for reliable grip
- Ideal for light conveyed goods

2K | 60° Shore A / 84° Shore A

The new PUgrip belt combines two perfectly matched materials:

A soft top layer (Shore 60°A) for excellent grip and a hard bottom layer (Shore 84°A) for optimum sliding properties on conveyor technology.

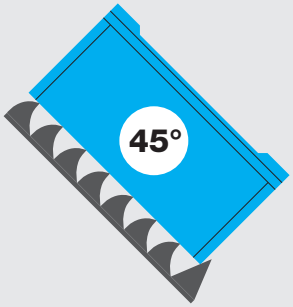
2 FORM-FITTING

Form-fitting secure

- The smart transversal groove structure provides additional mechanical transport securing.
- The transversal grooves are made of elastic PU. Under load, the profile tips are pressed down locally.
- In the unloaded area, the profile tip remains upright.
- The upright profile tip thus acts as a mechanical stop and secures the conveyed material against unwanted slipping.

Result:

- High conveying stability up to 45°
- Form-fitting security in addition to friction-based slip protection



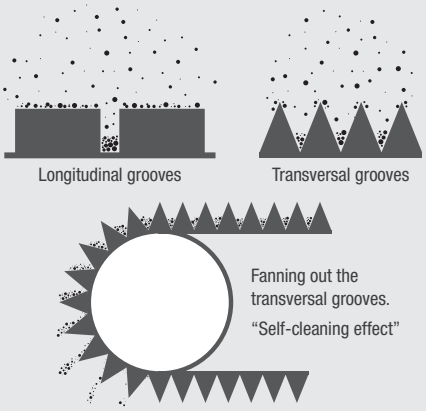
3 ANTI-DUST

Reduced contamination

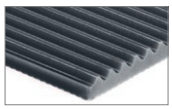
- Clean grooves. Consistent coefficient of friction.
- Compared to longitudinal grooves, transverse grooves offer only a minimal surface area for dust to accumulate. The spaces between the grooves are significantly larger and can accommodate more dust.

Additional advantages:

- Antistatic belt material reduces dust attraction
- When at the idler pulley, the groove structure opens and deposits actively fall out of the belt



Two belt designs to choose from

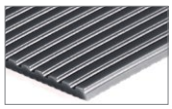


TOP SIDE: TRANSVERSAL GROOVES (TGA)

2K

PU grip

Bottom side	Color	Quality	Hardness	Profile thickness		Recommended min. pulley ∅		k1% static		k1% relaxed		Standard roll		Recommended pretension	Order No.
			Shore	mm	inch	mm	inch	N/mm	lbs/inch	N/mm	lbs/inch	m	ft		
Fabric impression (FI)	SW	PU55A PU80A	60 A 84 A	2,5	0,098	18	0,71	0,40	2,28	0,30	1,71	50	164	1-5%	FBF0J750X25A



TOP SIDE: LONGITUDINAL GROOVES GLOSS (LGG)

2K

PU grip

Bottom side	Color	Quality	Hardness	Profile thickness		Recommended min. pulley ∅		k1% static		k1% relaxed		Standard roll		Recommended pretension	Order No.
			Shore	mm	inch	mm	inch	N/mm	lbs/inch	N/mm	lbs/inch	m	ft		
Fabric impression (FI)	SW	PU55A PU80A	60 A 84 A	2,2	0,087	15	0,59	0,40	2,28	0,30	1,71	50	164	1-5%	FBF0J750X22B

BEHAbelt

BEHA Innovation GmbH · In den Engematten 16 · 79286 Glottertal/Germany
Tel.: +49 7684 9070 · info@behabelt.com · www.behabelt.com