



for roller conveyors

BEHAbelt 
Made in Germany

PU **plus** V-ribbed belt PJ

elastic Poly-V-belt for roller conveyors

BEST FEATURES

Elastic BEHAbelt PUplus V-ribbed belts PJ offer a powerful power transmission for linear and curved conveyors in the light load range up to approx. 50 kg.

The special PUplus material mixture ensures optimum compromise between tensile strength and elasticity.

Advantages for installation / belt replacement

- Thanks to its elasticity, installation and belt replacement are easy and time-saving.
- Each length can be produced independently on site with a welding paddle and guide clamp.
- On request we offer the fabrication of endless belts.

Advantages in system design

- Weldable belts by the roll for individual lengths
- better running behaviour in conveyor curves (inclined run-in).
- The orange, softer version is designed for use in deep-freeze and low temperature areas.
- Further material versions possible (e.g. softer, harder).

Advantages with security

- Reduction of the risk of injury in case of belt retraction.

AVAILABLE VERSIONS

PU85A plus ultramarine blue – Standard version

PU75A plus orange – especially for low temperature range



PJ2



PJ3



PJ4

Technical notes

Recommended pretension: approx. 5-6 %

Note on the change from rubber to PU:

- ☞ When converting from classic rubber V-ribbed belts to PUplus material, a nominal dimension of -5% should be considered as the production length.
- For more information, please refer to the back page.

 **Give us a call! We will be happy to advise you.**
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**Weldable belts
by the roll
for individual
lengths**

PU85A **plus** V-ribbed belt, ultramarine blue

Standardversion



approx. 88° Shore A

Order No.	Description	Profile dimension mm	approx. Weight kg/100 m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBPVKPJ2L	PJ2	4,8 x 4	1,96	200	656	40	1,6	10,3	22,7
FBPVKPJ3L	PJ3	7 x 4	2,93	200	656	40	1,6	15,0	33,1
FBPVKPJ4L	PJ4	9,3 x 4	3,92	200	656	40	1,2	20,6	45,4

Recommended pretension: 3...6 %, **Coeff. of friction μ** : Steel: approx. 0,60 | PE: approx. 0,30 | HDPE: approx. 0,25

PU75A **plus** V-ribbed belt, orange

Design especially for deep-freeze and low temperature areas.



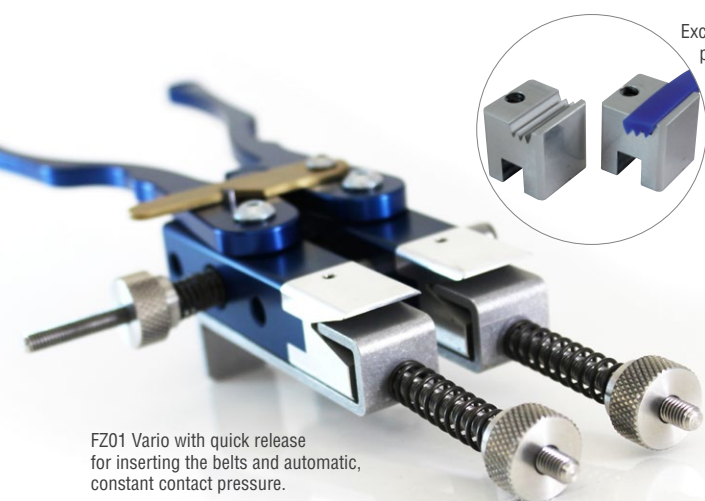
approx. 80° Shore A

Order No.	Description	Profile dimension mm	approx. Weight kg/100 m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBPVIPJ20	PJ2	4,8 x 4	1,96	200	656	30	1,2	7,2	15,8
FBPVIPJ30	PJ3	7 x 4	2,93	200	656	30	1,2	10,5	23,1
FBPVIPJ40	PJ4	9,3 x 4	3,92	200	656	30	1,2	14,4	31,7

Recommended pretension: 3...6 %, **Coeff. of friction μ** : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

Welding tool EErgo 60 with guide clamp FZ01 Vario

Join V-ribbed belts quickly and easily to the required length. With the FZ01 Vario guide clamp and the replaceable profile jaws, the belt ends are positioned precisely before welding. The specially developed welding tool EErgo 60 is ready for use in less than 5 minutes and ensures best welding results with constant temperature.



FZ01 Vario with quick release for inserting the belts and automatic, constant contact pressure.

Exchangeable profiled jaws



EErgo 60 is a specially developed welding tool with fast heat-up time, ergonomic working position and constant welding temperature.