

for roller conveyors

PU **plus** Poly-V belts PJ

elastic Poly-V-belt for roller conveyors

BEST CHARACTERISTICS

Elastic BEHAbelt PUplus Poly-V 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.

REDUCTION OF THE RISK OF INJURY

- in case of belt retraction during operation.
- when replacing the belt, thanks to the force-saving assembly.

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.

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).

Clamping force for safety elongation* of 20 mm



 Give us a call! We will be happy to advise you.
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PU85A plus Poly-V belt, ultramarine blue

Standard version



approx. 88° Shore A

| Order No. | Design | Description | Profile dimension | approx. Weight | Standard roll | | Recommended Min. pulley Ø | | Fmax/belt (Standard) | |
|-----------|--------|-------------|-------------------|----------------|---------------|-----|---------------------------|------|----------------------|------|
| | | | mm | kg/100m | 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 | 1,6 | 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 Poly-V belt, orange

Design especially for deep-freeze and low temperature areas



approx. 80° Shore A

| Order No. | Design | Description | Profile dimension | approx. Weight | Standard roll | | Recommended Min. pulley Ø | | Fmax/belt (Standard) | |
|------------|--------|-------------|-------------------|----------------|---------------|-----|---------------------------|------|----------------------|------|
| | | | mm | kg/100m | m | ft | mm | inch | kg | lbs |
| FBPVIPIJ20 | | PJ2 | 4,8 x 4 | 1,96 | 200 | 656 | 30 | 1,2 | 7,2 | 15,8 |
| FBPVIPIJ30 | | PJ3 | 7 x 4 | 2,93 | 200 | 656 | 30 | 1,2 | 10,5 | 23,1 |
| FBPVIPIJ40 | | PJ4 | 9,3 x 4 | 3,92 | 200 | 656 | 30 | 1,2 | 14,4 | 31,7 |

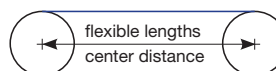
Recommended pretension: 3...6 %, **Coeff. of friction μ :** Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

Technical notes

Recommended pretension: approx. 3...6%

Note on the change from rubber to PU: when converting from classic rubber Poly-V belts to PUplus material, the production length must be reduced by 5% of the original nominal dimension.

Weldable belts
by the roll for
individual lengths



Welding tool EErgo 60 with guide clamp FZ01 Vario

Join Poly-V 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.



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