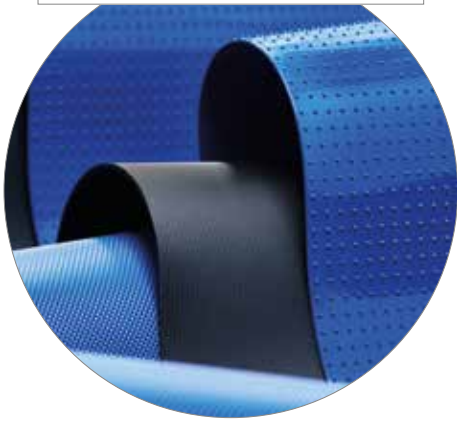


# About us

## The five product groups of BEHAbelt

Since 1974 we have been dealing with weldable components made of PU and TPE for conveying and power-transmission. Our products and services are always based on market experience and requirements. For us, the partnership and regular exchange with customers and interested parties are the basis for regular product innovations. The belt related challenges have grown and trends have changed over the years. In order to better focus on application requirements, we created the following five product groups.

### Conveyor belts



#### Monolithic conveyor belts made of PU and TPE

We are one of the leading manufacturers offering a huge combination of options. Choose your surface structure, material properties, hardness and colors.

### Belt profiles



#### Weldable PU and TPE belts

BEHAbelt offers one of the broadest ranges in the market. This concerns the number of geometries, material properties and shore hardness variations. In addition, we are able to develop and manufacture customized profiles.

### Welding technology



#### Welding technology for PU and TPE

„Each belt is only as good as its splice.“ Our program includes specially developed welding tools for profiles and flat belts.

### Coatings



#### PU coatings for timing belts and V-belts

Coating materials for e.g. high grip, accumulating or easy release. The industry requirements are as varied as our offer.

### Weldable profiles



#### Weldable profiles made of PU

The assembly of conveyor belts with weld-on profiles such as cleats, sidewalls or V-guides allow solutions to a wide range of applications.

## BEHAbelt product labels

Within the product groups of belt profiles, coatings and conveyor belts, we use product labels to identify products with special properties.

### Special features of belt profiles and conveyor belts

#### PU soft

describes a highly flexible, non-slip and wear resistant compound for profiles with a hardness of 65° Shore A. Perfectly suited for applications that require smallest pulley diameters. PUsoft is often used as a silicone alternative.

#### PU plus

is a special material composition for elevated load capacity and reduced elongation with the same product design and unchanged pulley diameters, compared to products made of standard PU compounds.

#### PU safe

identifies metal and X-ray detectable conveyor belts and profiles. The food industry is increasingly using detectable profiles and belts as additional safety measure to prevent contamination of foodstuff with foreign objects.

### Special features of coatings and weldable profiles

#### PU tex

Coatings made of these unique PU compounds are fully weldable with the base material and therefore protected against delamination. Due to the high grip they are perfect alternatives to rubber coatings.

#### PU grip

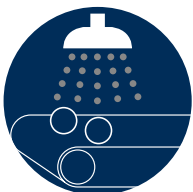
is our softest coating material. At 45° Shore A hardness it ensures best grip and flexibility. Like all PU coatings, it can be perfectly welded to PU V-belts or timing belts.

#### PU flex

specifies our extremely flexible sidewalls due to the very small wave pitch. Sidewalls are often used with cleats on conveyors for inclined transport to prevent spillage.

## smart conveying

We understand our mission statement as continuous motivation. For us, it means that we always take a critical look at conveying and power-transmission processes. Together with our customers and partners, we want to have constructive conversations to optimize their applications. Doing this, we ensure to develop products and services that will deliver benefits in the target applications.



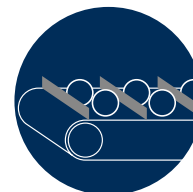
Washing



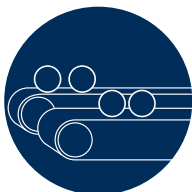
Picking



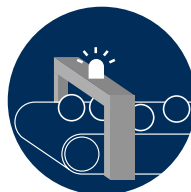
Cutting



Portioning



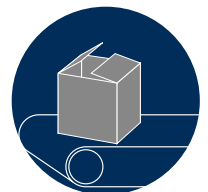
Sorting



Checking



Weighing



Packing



### Expansion of the portfolio for belt edges

In order to be able to meet the different requirements of curved belts, the portfolio of belt edges has been expanded. These flexible and abrasion-resistant profiles are used to stabilise or guide curved belts and are usually sewn and/or glued onto the curved belt.

We also offer customised profiles for this product category.

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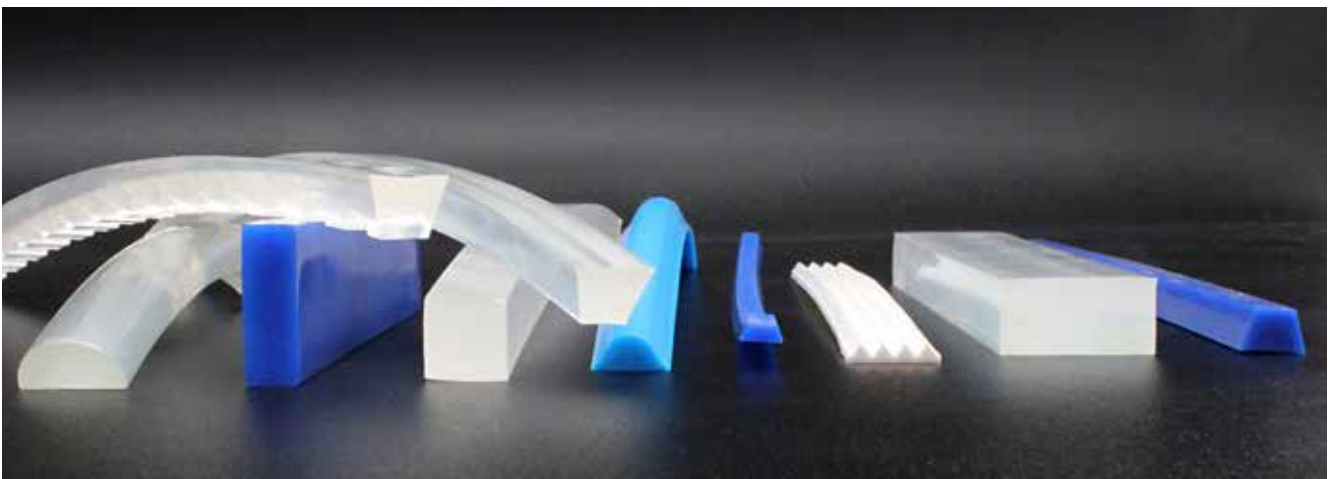


### Half-round guide profile for roller conveyors

This specially developed guide profile with its half-round geometry of 9 x 4.5 mm is perfectly matched to the geometry of the round belt groove of roller conveyors and thus offers an abrasion-resistant, guide-optimised and cost-effective belt guide option for the use of flat belts on roller conveyors (belt on roller).

The raw material used is optimally matched to BEHAbelt flat belt qualities for problem-free welding.

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### V-guides from 5 x 3 mm & extension weld-on profiles

V-guide profiles are often used as guide profiles on the running side, e.g. to support the straight running of long and/or narrow conveyor belts or to absorb lateral forces when products are fed in from the side.

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## CONVEYOR BELT PROFILES MADE OF PU AND TPE

Table structure key .....	11
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## General explanation of the product tables

### ② PU85A green rough, reinforced aramid



Order No.	⑦ Diameter		⑧ Cross section	⑨ approx. weight	⑩ Standard roll		⑪ Recommended Min. pulley Ø		⑫ Fmax/belt (Standard)		⑬ Fmax/belt (Overlap)	
	mm	inch			cm <sup>2</sup>	kg/100m	m	ft	mm	inch	kg	lbs
① JZR85A060RA	6,0	7/32	0,283	3,4	100	328	60	2,3	10,2	22,4	30,6	67,3
FBZR85A063RA	6,3	1/4	0,310	3,8	100	328	65	2,5	11,2	24,6	33,6	73,9
FBZR85A070RA	7,0	9/32	0,385	4,7	100	328	70	2,8	13,8	30,4	41,4	91,1
FBZR85A080RA	8,0	5/16	0,500	6,0	100	328	80	3,2	18,0	39,6	54,0	118,8
FBZR85A095RA	9,5	3/8	0,710	8,5	100	328	95	3,7	25,4	55,9	76,2	167,6

- ④ approx. 88° Shore A
- ⑤ Recommended pretension 1...2 %

⑥ Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,35 | HDPE: approx. 0,30

## Legende

- ① BEHAbelt order number (availability, lead time and minimum order quantity upon request)
- ② BEHAbelt Material Type Quality (Product description)
- ③ Colour (Caution, original colour may deviate from the graphic)
- ④ Approx. specified Shore hardness (Attention! BEHAbelt product description doesn't match the Shore hardness of the belt)
- ⑤ Recommended pretension to tighten the belt in the system (in %) (highest value corresponds to max. preload)
- ⑥ Approx. coefficient of friction  $\mu$  on steel, PE and HDPE surfaces (Also see coefficient of friction values page 131)
- ⑦ Profile geometry in mm
- ⑧ Material cross-section of the profile (For further details on the calculation, see page 131)
- ⑨ Approx. weight in kg for 100 m of the corresponding profile geometry
- ⑩ Standard roll = Manufacturing unit (smaller amounts available at an upcharge). (Special roll sizes upon request)
- ⑪ Recommended minimum pulley diameter (in mm) measured in neutral fibre. Smaller pulley diameters are possible; however, they can shorten the service life of the belt.
- ⑫ Max. load of the belt (transport load) for butt welding (in kg/belt) (standard case)
- ⑬ Approx. max. load of the belt (standard case) for overlap welding (in kg/belt) (hot-press method HP01, overlap length of 60 mm)

Table values valid at ambient conditions of 20°C ±10°C.  
(otherwise minimum pulley diameter, pretension and max. load of the belt have to be adjusted)

## Symbols

Antistatic profile with outstanding mechanical properties.	Profile with exceptional low-temperature flexibility down to -30°C.	Patented material formulation „PLUS“ for lower product elongation.	Very good UV resistance.	FDA/EC conformity for hydrolysis-resistant conveying profiles with rough and finely textured surfaces.	Metal and X-ray detectable profiles for maximum food safety.	Hydrolysis resistance (HY). Suitable for humid environments.	Microbe-resistant materials do not provide a breeding ground for microorganisms	Belt made of 2 components enables combination of hardness and features.



## Round belts

Weldable round belts made of PU and TPE are available in various Shore hardness grades and diameters for transport and power-transmission. Many belts are food-approved and have various special properties for particularly demanding applications.

Typical industries are: Food, logistics, printing & paper, packaging, building materials and much more.

### PU60A **soft** blue smooth



Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRF030LGS	3,0	1/8	0,071	0,9	200	656	10	0,4	0,9	2,0
FBRF040LGS	4,0	5/32	0,126	1,6	200	656	20	0,8	1,5	3,3
FBRF050LGS	5,0	1/5	0,181	2,2	100	328	30	1,2	2,2	4,9
FBRF060LGS	6,0	7/32	0,283	3,4	100	328	35	1,4	3,4	7,5
FBRF080LGS	8,0	5/16	0,500	6,0	100	328	45	1,8	6,0	13,2
FBRF095LGS	9,5	3/8	0,710	8,5	100	328	60	2,4	8,5	18,7
FBRF100LGS	10,0	7/16	0,785	9,4	50	164	65	2,6	9,4	20,7

approx. 65° Shore A

Recommended pretension 5...10 %

Coeff. of friction  $\mu$ : Steel: approx. 0,90 | PE: approx. 0,55 | HDPE: approx. 0,50

FDA/EC compliant (Limited suitability EC)

### PU70A ultramarine blue smooth



Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRH030LG	3,0	1/8	0,071	0,9	200	656	15	0,6	1,4	3,1
FBRH040LG	4,0	5/32	0,126	1,6	200	656	25	1,0	2,5	5,5
FBRH048LG	4,8	3/16	0,181	2,2	200	656	30	1,2	3,5	7,7
FBRH050LG	5,0	1/5	0,181	2,2	100	328	35	1,4	3,6	7,9
FBRH060LG	6,0	7/32	0,283	3,4	100	328	45	1,8	5,6	12,3
FBRH080LG	8,0	5/16	0,500	6,0	100	328	55	2,2	9,9	21,8

approx. 76° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,75 | PE: approx. 0,40 | HDPE: approx. 0,35 | FDA/EC/USDA compliant

## PU75A red smooth



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRP75A020	2,0	5/64	0,032	0,5	200	656	10	0,4	0,8	1,8
FBRP75A030	3,0	1/8	0,071	0,9	200	656	20	0,8	1,8	4,0
FBRP75A040	4,0	5/32	0,126	1,6	200	656	30	1,2	3,1	6,8
FBRP75A048	4,8	3/16	0,181	2,2	200	656	35	1,4	4,5	9,9
FBRP75A050	5,0	1/5	0,197	2,4	100	328	40	1,6	4,9	10,8
FBRP75A060	6,0	7/32	0,283	3,4	100	328	50	2,0	7,3	16,1
FBRP75A063	6,3	1/4	0,310	3,8	100	328	55	2,2	8,0	17,6
FBRP75A070	7,0	9/32	0,385	4,7	100	328	60	2,4	9,8	21,6
FBRP75A080	8,0	5/16	0,500	6,0	100	328	65	2,6	12,9	28,4
FBRP75A095	9,5	3/8	0,710	8,5	100	328	75	3,0	18,0	39,6
FBRP75A100	10,0	7/16	0,785	9,4	50	164	80	3,2	19,6	43,1
FBRP75A120	12,0	15/32	1,130	13,5	50	164	90	3,5	29,4	64,7
FBRP75A125	12,5	1/2	1,230	14,8	50	164	100	3,9	31,4	69,1
FBRP75A150	15,0	19/32	1,770	21,5	50	164	120	4,7	45,1	99,2
FBRP75A180	18,0	3/4	2,54	31,0	50	164	150	5,9	64,7	142,3
FBRP75A200	20,0	25/32	3,14	40,0	50	164	170	6,7	80,4	176,9

approx. 80° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

## PU75A sky blue smooth



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRP75A020HI	2,0	5/64	0,032	0,5	200	656	10	0,4	0,8	1,8
FBRP75A030HI	3,0	1/8	0,071	0,9	200	656	20	0,8	1,8	4,0
FBRP75A040HI	4,0	5/32	0,126	1,6	200	656	30	1,2	3,0	6,6
FBRP75A048HI	4,8	3/16	0,181	2,2	200	656	35	1,4	4,4	9,7
FBRP75A050HI	5,0	1/5	0,197	2,4	100	328	40	1,6	4,8	10,6
FBRP75A060HI	6,0	7/32	0,283	3,4	100	328	50	2,0	6,8	15,0
FBRP75A063HI	6,3	1/4	0,310	3,8	100	328	55	2,2	7,4	16,3
FBRP75A070HI	7,0	9/32	0,385	4,7	100	328	60	2,4	9,2	20,2
FBRP75A080HI	8,0	5/16	0,500	6,0	100	328	65	2,6	12,0	26,4
FBRP75A095HI	9,5	3/8	0,710	8,5	100	328	75	3,0	17,0	37,4
FBRP75A100HI	10,0	7/16	0,785	9,4	50	164	80	3,2	18,8	41,4
FBRP75A120HI	12,0	15/32	1,130	13,5	50	164	90	3,5	27,2	59,8
FBRP75A125HI	12,5	1/2	1,230	14,8	50	164	100	3,9	29,6	65,1
FBRP75A150HI	15,0	19/32	1,770	21,5	50	164	120	4,7	42,4	93,3

approx. 80° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35 | FDA/EC/USDA compliant

## PU75A **plus** orange matt



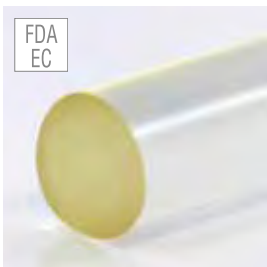
Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRI0200G	2,0	5/64	0,032	0,5	200	656	10	0,4	0,9	2,0
FBRI0300G	3,0	1/8	0,071	0,9	200	656	20	0,8	1,8	4,0
FBRI0400G	4,0	5/32	0,126	1,6	200	656	30	1,2	3,6	7,9
FBRI0480G	4,8	3/16	0,181	2,2	200	656	35	1,4	5,2	11,4
FBRI0500G	5,0	1/5	0,197	2,4	100	328	40	1,6	5,7	12,5
FBRI0600G	6,0	7/32	0,283	3,4	100	328	50	2,0	8,1	17,8
FBRI0630G	6,3	1/4	0,310	3,8	100	328	55	2,2	8,9	19,6
FBRI0700G	7,0	9/32	0,385	4,7	100	328	60	2,4	11,1	24,4
FBRI0800G	8,0	5/16	0,500	6,0	100	328	65	2,6	14,4	31,7
FBRI0950G	9,5	3/8	0,710	8,5	100	328	75	3,0	20,4	44,9
FBRI1000G	10,0	7/16	0,785	9,4	50	164	80	3,2	22,6	49,7

approx. 80° Shore A

Recommended pretension 3...6 %

Coeff. of friction  $\mu$ : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

## PU80A transparent smooth



Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRP80A020TR	2,0	5/64	0,032	0,5	200	656	15	0,6	1,1	2,4
FBRP80A030TR	3,0	1/8	0,071	0,9	200	656	25	1,0	2,1	4,6
FBRP80A040TR	4,0	5/32	0,126	1,6	200	656	30	1,2	4,1	9,0
FBRP80A048TR	4,8	3/16	0,181	2,2	200	656	40	1,6	5,8	12,8
FBRP80A050TR	5,0	1/5	0,197	2,4	100	328	45	1,8	6,2	13,6
FBRP80A060TR	6,0	7/32	0,283	3,4	100	328	55	2,2	9,0	19,8
FBRP80A063TR	6,3	1/4	0,310	3,8	100	328	60	2,4	10,1	22,1
FBRP80A070TR	7,0	9/32	0,385	4,7	100	328	65	2,6	12,4	27,3
FBRP80A080TR	8,0	5/16	0,500	6,0	100	328	75	3,0	16,1	35,3
FBRP80A095TR	9,5	3/8	0,710	8,5	100	328	90	3,5	22,7	49,9
FBRP80A100TR	10,0	7/16	0,785	9,4	50	164	95	3,7	25,3	55,6
FBRP80A120TR	12,0	15/32	1,130	13,5	50	164	110	4,3	36,4	80,0
FBRP80A125TR	12,5	1/2	1,230	14,8	50	164	115	4,5	39,4	86,6
FBRP80A150TR	15,0	19/32	1,770	21,5	50	164	140	5,5	56,7	124,8
FBRP80A180TR	18,0	3/4	2,54	31,0	50	164	170	6,7	81,5	179,4
FBRP80A200TR	20,0	25/32	3,14	40,0	50	164	180	7,1	100,6	221,3

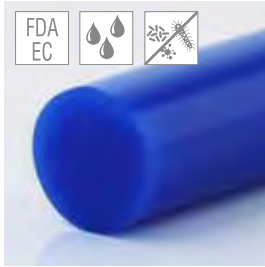
approx. 84° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant



## PU80A ultramarine blue smooth



Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRP80A020UB	2,0	5/64	0,032	0,5	200	656	15	0,6	0,9	2,0
FBRP80A030UB	3,0	1/8	0,071	0,9	200	656	25	1,0	2,2	4,8
FBRP80A040UB	4,0	5/32	0,126	1,6	200	656	30	1,2	3,9	8,6
FBRP80A048UB	4,8	3/16	0,181	2,2	200	656	40	1,6	5,5	12,1
FBRP80A050UB	5,0	1/5	0,197	2,4	100	328	45	1,8	6,1	13,4
FBRP80A060UB	6,0	7/32	0,283	3,4	100	328	55	2,2	8,7	19,1
FBRP80A063UB	6,3	1/4	0,310	3,8	100	328	60	2,4	9,6	21,1
FBRP80A070UB	7,0	9/32	0,385	4,7	100	328	65	2,6	11,8	26,0
FBRP80A080UB	8,0	5/16	0,500	6,0	100	328	75	3,0	15,3	33,7
FBRP80A095UB	9,5	3/8	0,710	8,5	100	328	90	3,6	21,6	47,5
FBRP80A100UB	10,0	7/16	0,785	9,4	50	164	95	3,8	24,0	52,8
FBRP80A120UB	12,0	15/32	1,130	13,5	50	164	110	4,4	34,4	75,7
FBRP80A125UB	12,5	1/2	1,230	14,8	50	164	115	4,6	37,5	82,5
FBRP80A150UB	15,0	19/32	1,770	21,5	50	164	140	5,5	54,1	119,0

approx. 84° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU80A ultramarine blue slightly rough



Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRP80A020BA	2,0	5/64	0,032	0,5	200	656	15	0,6	0,9	2,0
FBRP80A030BA	3,0	1/8	0,071	0,9	200	656	25	1,0	2,2	4,8
FBRP80A040BA	4,0	5/32	0,126	1,6	200	656	30	1,2	3,9	8,6
FBRP80A048BA	4,8	3/16	0,181	2,2	200	656	40	1,6	5,5	12,1
FBRP80A050BA	5,0	1/5	0,197	2,4	100	328	45	1,8	6,1	13,4
FBRP80A060BA	6,0	7/32	0,283	3,4	100	328	55	2,2	8,7	19,1
FBRP80A063BA	6,3	1/4	0,310	3,8	100	328	60	2,4	9,6	21,1
FBRP80A070BA	7,0	9/32	0,385	4,7	100	328	65	2,6	11,8	26,0
FBRP80A080BA	8,0	5/16	0,500	6,0	100	328	75	3,0	15,3	33,7
FBRP80A095BA	9,5	3/8	0,710	8,5	100	328	90	3,6	21,6	47,5
FBRP80A100BA	10,0	7/16	0,785	9,4	50	164	95	3,8	24,0	52,8
FBRP80A120BA	12,0	15/32	1,130	13,5	50	164	110	4,4	34,4	75,7
FBRP80A125BA	12,5	1/2	1,230	14,8	50	164	115	4,6	37,5	82,5
FBRP80A150BA	15,0	19/32	1,770	21,5	50	164	140	5,5	54,1	119,0

approx. 84° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,55 | PE: approx. 0,30 | HDPE: approx. 0,25 | FDA/EC compliant

## PU80A orange smooth



Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRP84A020	2,0	5/64	0,032	0,5	30	100	15	0,6	1,1	2,4
FBRP84A032	3,2	1/8	0,071	0,9	30	100	25	1,0	2,1	4,7
FBRP84A032A	3,2	1/8	0,071	0,9	152	500	25	1,0	2,2	4,9
FBRP84A040	4,0	5/32	0,126	1,6	30	100	30	1,2	4,1	8,9
FBRP84A048	4,8	3/16	0,181	2,2	30	100	40	1,6	5,8	12,7
FBRP84A048A	4,8	3/16	0,181	2,2	152	500	40	1,6	5,8	12,7
FBRP84A050	5,0	1/5	0,197	2,4	30	100	45	1,8	6,2	13,7
FBRP84A060	6,0	7/32	0,283	3,4	30	100	55	2,2	9,0	19,8
FBRP84A063	6,3	1/4	0,310	3,8	30	100	60	2,4	10,1	22,1
FBRP84A063A	6,3	1/4	0,310	3,8	152	500	60	2,4	10,1	22,1
FBRP84A070	7,0	9/32	0,385	4,7	30	100	65	2,6	12,4	27,3
FBRP84A079	7,9	5/16	0,500	6,0	30	100	75	3,0	16,1	35,3
FBRP84A079A	7,9	5/16	0,500	6,0	152	500	75	3,0	16,1	35,3
FBRP84A095	9,5	3/8	0,710	8,5	30	100	90	3,5	22,7	49,9
FBRP84A095A	9,5	3/8	0,710	8,5	152	500	90	3,5	22,7	49,9
FBRP84A100	10,0	7/16	0,785	9,4	30	100	95	3,7	25,3	55,6
FBRP84A120	12,0	15/32	1,130	13,5	30	100	110	4,3	36,4	80,0
FBRP84A127	12,7	1/2	1,230	14,8	30	100	115	4,5	39,4	86,6
FBRP84A143	14,3	9/16	1,605	21,0	30	100	130	5,1	49,4	108,8
FBRP84A159	15,9	6/8	1,985	22,5	30	100	150	5,9	64,2	141,2
FBRP84A190	19,0	3/4	2,83	31,0	30	100	170	6,7	91,0	200,1

approx. 84° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU80A orange smooth, reinforced Polyester



Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$ *		Fmax/belt (Standard)		Fmax/Belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRJ0600GA	6,0	7/32	0,283	3,4	30	100	55	2,2	9,0	19,8	18,9	41,6
FBRJ0630GA	6,3	1/4	0,310	3,8	30	100	60	2,4	10,1	22,1	21,2	46,5
FBRJ0700GA	7,0	9/32	0,385	4,7	30	100	65	2,6	12,4	27,3	25,4	55,9
FBRJ0800GA	8,0	5/16	0,500	6,0	30	100	80	3,2	16,1	35,3	33,8	74,3
FBRJ0950GA	9,5	3/8	0,710	8,5	30	100	90	3,6	22,7	49,9	47,7	104,9
FBRJ1000GA	10,0	7/16	0,785	9,4	30	100	100	4	25,3	55,6	53,1	116,8
FBRJ1200GA	12,0	15/32	1,130	13,5	30	100	110	4,4	36,4	80,0	76,5	168,3
FBRJ1250GA	12,5	1/2	1,230	14,8	30	100	115	4,6	39,4	86,6	82,8	182,2
FBRJ1430GA	14,3	9/16	1,605	21,0	30	100	130	5,2	49,4	108,8	104,0	228,7
FBRJ1900GA	19,0	3/4	2,83	31,0	30	100	170	6,8	91,0	200,1	191,3	420,8
FBRJ2000GA	20,0	25/32	3,14	40,0	30	100	190	7,6	100,6	221,3	211,5	465,3

approx. 84° Shore A

Recommended pretension

0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

\*For overlap welding, the recommended minimum pulley diameter must be increased by +30%.

## PU80A safe capri blue smooth



Metal and X-ray detectable belt

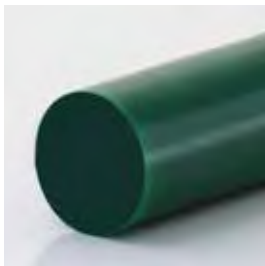
Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRJ020LGM	2,0	5/64	0,032	0,5	200	656	15	0,6	0,6	1,3
FBRJ030LGM	3,0	1/8	0,071	0,9	200	656	25	1,0	1,6	3,5
FBRJ032LGM	3,2	1/8	0,071	0,9	30	100	25	1,0	1,7	3,7
FBRJ040LGM	4,0	5/32	0,126	1,6	200	656	30	1,2	2,9	6,4
FBRJ048LGM	4,8	3/16	0,181	2,2	30	100	40	1,6	4,0	8,8
FBRJ050LGM	5,0	1/5	0,197	2,4	100	328	45	1,8	5,6	12,3
FBRJ060LGM	6,0	7/32	0,283	3,4	100	328	55	2,2	6,4	14,1
FBRJ063LGM	6,3	1/4	0,310	3,8	30	100	60	2,4	6,9	15,2
FBRJ070LGM	7,0	9/32	0,385	4,7	100	328	65	2,6	9,3	20,5
FBRJ079LGM	7,9	5/16	0,500	6,0	30	100	75	3,0	12,0	26,4
FBRJ080LGM	8,0	5/16	0,500	6,0	100	328	75	3,0	12,0	26,4
FBRJ095LGM	9,5	3/8	0,710	8,5	30	100	90	3,5	17,0	37,4
FBRJ100LGM	10,0	7/16	0,785	9,4	50	164	95	3,7	18,9	41,6
FBRJ120LGM	12,0	15/32	1,130	13,5	50	164	110	4,3	27,2	59,9
FBRJ125LGM	12,5	1/2	1,230	14,8	30	100	115	4,5	29,4	64,7
FBRJ143LGM	14,3	9/16	1,605	21,0	30	100	130	5,1	37,0	81,4
FBRJ150LGM	15,0	19/32	1,770	21,5	50	164	140	5,5	42,4	93,3

approx. 84° Shore A

Recommended pretension 3...6 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU85A green smooth



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRP85A020	2,0	5/64	0,032	0,5	200	656	15	0,6	1,2	2,7
FBRP85A030	3,0	1/8	0,071	0,9	200	656	25	1	2,7	5,8
FBRP85A040	4,0	5/32	0,126	1,6	200	656	35	1,4	4,7	10,3
FBRP85A048	4,8	3/16	0,181	2,2	200	656	45	1,8	6,7	14,8
FBRP85A050	5,0	1/5	0,197	2,4	100	328	50	2	7,1	15,7
FBRP85A060	6,0	7/32	0,283	3,4	100	328	60	2,4	10,4	22,9
FBRP85A063	6,3	1/4	0,310	3,8	100	328	65	2,6	11,4	25,1
FBRP85A070	7,0	9/32	0,385	4,7	100	328	70	2,8	14,1	31,0
FBRP85A080	8,0	5/16	0,500	6,0	100	328	80	3,2	18,4	40,4
FBRP85A095	9,5	3/8	0,710	8,5	100	328	95	3,8	25,9	57,0
FBRP85A100	10,0	7/16	0,785	9,4	50	164	100	4	28,6	62,8
FBRP85A120	12,0	15/32	1,130	13,5	50	164	120	4,8	40,8	89,8
FBRP85A125	12,5	1/2	1,230	14,8	50	164	125	5	44,9	98,7
FBRP85A15	15,0	19/32	1,770	21,5	50	164	150	6	64,9	142,7
FBRP85A18	18,0	3/4	2,54	31,0	50	164	180	7,2	92,8	204,2
FBRP85A20	20,0	25/32	3,14	40,0	50	164	200	7,9	115,3	253,6

approx. 88° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

\*For overlap welding, the recommended minimum pulley diameter must be increased by +30%.

## PU85A green rough



Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRP85A020R	2,0	5/64	0,032	0,5	200	656	15	0,6	1,2	2,7
FBRP85A030R	3,0	1/8	0,071	0,9	200	656	25	1	2,7	5,8
FBRP85A040R	4,0	5/32	0,126	1,6	200	656	35	1,4	4,7	10,3
FBRP85A048R	4,8	3/16	0,181	2,2	200	656	45	1,8	6,7	14,8
FBRP85A050R	5,0	1/5	0,197	2,4	100	328	50	2	7,1	15,7
FBRP85A060R	6,0	7/32	0,283	3,4	100	328	60	2,4	10,4	22,9
FBRP85A063R	6,3	1/4	0,310	3,8	100	328	65	2,6	11,4	25,1
FBRP85A070R	7,0	9/32	0,385	4,7	100	328	70	2,8	14,1	31,0
FBRP85A080R	8,0	5/16	0,500	6,0	100	328	80	3,2	18,4	40,4
FBRP85A095R	9,5	3/8	0,710	8,5	100	328	95	3,8	25,9	57,0
FBRP85A100R	10,0	7/16	0,785	9,4	50	164	100	4	28,6	62,8
FBRP85A120R	12,0	15/32	1,130	13,5	50	164	120	4,8	40,8	89,8
FBRP85A125R	12,5	1/2	1,230	14,8	50	164	125	5	44,9	98,7
FBRP85A15R	15,0	19/32	1,770	21,5	50	164	150	6	64,9	142,7
FBRP85A18R	18,0	3/4	2,54	31,0	50	164	180	7,2	92,8	204,2
FBRP85A20R	20,0	25/32	3,14	40,0	50	164	200	7,9	115,3	253,6

approx. 88° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,30 | HDPE: approx. 0,25

## PU85A green smooth, reinforced Aramid



Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley $\varnothing^*$		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBZRP85A050A	5,0	1/5	0,197	2,4	100	328	50	2,0	7,1	15,7	-	-
FBZRP85A060A	6,0	7/32	0,283	3,4	100	328	60	2,3	10,4	22,9	23,0	50,5
FBZRP85A063A	6,3	1/4	0,310	3,8	100	328	65	2,5	11,4	25,1	25,2	55,4
FBZRP85A070A	7,0	9/32	0,385	4,7	100	328	70	2,8	14,1	31,0	31,1	68,3
FBZRP85A080A	8,0	5/16	0,500	6,0	100	328	80	3,2	18,4	40,4	40,5	89,1
FBZRP85A095A	9,5	3/8	0,710	8,5	100	328	95	3,7	25,9	57,0	57,2	125,7
FBZRP85A100A	10,0	7/16	0,785	9,4	50	164	100	3,9	28,6	62,8	63,0	138,6
FBZRP85A120A	12,0	15/32	1,130	13,5	50	164	120	4,7	40,8	89,8	90,0	198,0
FBZRP85A125A	12,5	1/2	1,230	14,8	50	164	125	4,9	44,9	98,7	99,0	217,8
FBZRP85A143A	14,3	9/16	1,616	19,3	50	164	145	5,7	59,0	129,7	130,1	286,1
FBZRP85A150A	15,0	19/32	1,77	21,5	50	164	150	5,9	64,9	142,7	143,1	314,8
FBZRP85A180A	18,0	3/4	2,54	31,0	50	164	190	7,5	92,8	204,2	204,8	450,5
FBZRP85A200A	20,0	25/32	3,14	40,0	50	164	200	7,9	115,3	253,6	254,3	559,4

approx. 88° Shore A

Recommended pretension  
0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

\*For overlap welding, the recommended minimum pulley diameter must be increased by +30%.

## PU85A green rough, reinforced Aramid



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBZR85A050RA	5,0	1/5	0,197	2,4	100	328	50	2,0	7,1	15,7	-	-
FBZR85A060RA	6,0	7/32	0,283	3,4	100	328	60	2,3	10,4	22,9	23,0	50,5
FBZR85A063RA	6,3	1/4	0,310	3,8	100	328	65	2,5	11,4	25,1	25,2	55,4
FBZR85A070RA	7,0	9/32	0,385	4,7	100	328	70	2,8	14,1	31,0	31,1	68,3
FBZR85A080RA	8,0	5/16	0,500	6,0	100	328	80	3,2	18,4	40,4	40,5	89,1
FBZR85A095RA	9,5	3/8	0,710	8,5	100	328	95	3,7	25,9	57,0	57,2	125,7
FBZR85A100RA	10,0	7/16	0,785	9,4	50	164	100	3,9	28,6	62,8	63,0	138,6
FBZR85A120RA	12,0	15/32	1,130	13,5	50	164	120	4,7	40,8	89,8	90,0	198,0
FBZR85A127RA	12,5	1/2	1,230	14,8	50	164	125	4,9	44,9	98,7	99,0	217,8
FBZR85A143RA	14,3	9/16	1,616	19,3	50	164	145	5,7	59,0	129,7	130,1	286,1
FBZR85A150RA	15,0	19/32	1,77	21,5	50	164	150	5,9	64,9	142,7	143,1	314,8
FBZR85A180RA	18,0	3/4	2,54	31,0	50	164	190	7,5	92,8	204,2	204,8	450,5
FBZR85A200RA	20,0	25/32	3,14	40,0	50	164	200	7,9	115,3	253,6	254,3	559,4

approx. 88° Shore A  
Recommended pretension  
0,5...2 %

Coeff. of friction μ: Steel: approx. 0,45 | PE: approx. 0,30 | HDPE: approx. 0,25

## PU85A ultramarine blue rough



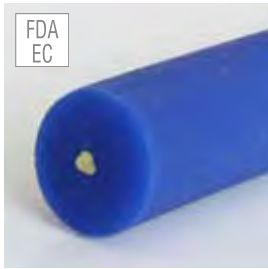
Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRK020LRB	2,0	5/64	0,032	0,5	200	656	15	0,6	1,2	2,7
FBRK030LRB	3,0	1/8	0,071	0,9	200	656	25	1	2,7	5,8
FBRK040LRB	4,0	5/32	0,126	1,6	200	656	35	1,4	4,7	10,3
FBRK048LRB	4,8	3/16	0,181	2,2	200	656	45	1,8	6,7	14,8
FBRK050LRB	5,0	1/5	0,197	2,4	100	328	50	2	7,1	15,7
FBRK060LRB	6,0	7/32	0,283	3,4	100	328	60	2,4	10,4	22,9
FBRK063LRB	6,3	1/4	0,310	3,8	100	328	65	2,6	11,4	25,1
FBRK070LRB	7,0	9/32	0,385	4,7	100	328	70	2,8	14,1	31,0
FBRK080LRB	8,0	5/16	0,500	6,0	100	328	80	3,2	18,4	40,4
FBRK095LRB	9,5	3/8	0,710	8,5	100	328	95	3,8	25,9	57,0
FBRK100LRB	10,0	7/16	0,785	9,4	50	164	100	4	28,6	62,8
FBRK120LRB	12,0	15/32	1,130	13,5	50	164	120	4,8	40,8	89,8
FBRK125LRB	12,5	1/2	1,230	14,8	50	164	125	5	44,9	98,7
FBRK150LRB	15,0	19/32	1,770	21,5	50	164	150	6	64,9	142,7

approx. 88° Shore A  
Recommended pretension 4...8 %

Coeff. of friction μ: Steel: approx. 0,45 | PE: approx. 0,30 | HDPE: approx. 0,25 | FDA/EC compliant

\*For overlap welding, the recommended minimum pulley diameter must be increased by +30%.

## PU85A ultramarine blue rough, reinforced Aramid



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRK050LRC	5,0	1/5	0,197	2,4	100	328	50	2,0	7,1	15,7	-	-
FBRK060LRC	6,0	7/32	0,283	3,4	100	328	60	2,3	10,4	22,9	23,0	50,5
FBRK063LRC	6,3	1/4	0,310	3,8	100	328	65	2,5	11,4	25,1	25,2	55,4
FBRK070LRC	7,0	9/32	0,385	4,7	100	328	70	2,8	14,1	31,0	31,1	68,3
FBRK080LRC	8,0	5/16	0,500	6,0	100	328	80	3,2	18,4	40,4	40,5	89,1
FBRK095LRC	9,5	3/8	0,710	8,5	100	328	95	3,7	25,9	57,0	57,2	125,7
FBRK100LRC	10,0	7/16	0,785	9,4	50	164	100	3,9	28,6	62,8	63,0	138,6
FBRK120LRC	12,0	15/32	1,130	13,5	50	164	120	4,7	40,8	89,8	90,0	198,0
FBRK125LRC	12,5	1/2	1,230	14,8	50	164	125	4,9	44,9	98,7	99,0	217,8
FBRK150LRC	15,0	19/32	1,77	21,5	50	164	150	5,9	64,9	142,7	143,1	314,8

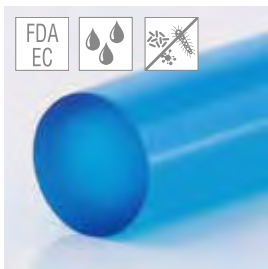
approx. 88° Shore A

Recommended pretension

0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,30 | HDPE: approx. 0,25 | FDA/EC compliant

## PU85A sapphire blue smooth



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRK020LGAAA	2,0	5/64	0,032	0,5	200	656	15	0,6	1,0	2,2
FBRK030LGAAA	3,0	1/8	0,071	0,9	200	656	25	1	2,4	5,3
FBRK040LGAAA	4,0	5/32	0,126	1,6	200	656	35	1,4	4,2	9,3
FBRK048LGAAA	4,8	3/16	0,181	2,2	200	656	45	1,8	6,3	13,8
FBRK050LGAAA	5,0	1/5	0,197	2,4	100	328	50	2	6,7	14,7
FBRK060LGAAA	6,0	7/32	0,283	3,4	100	328	60	2,4	9,7	21,3
FBRK063LGAAA	6,3	1/4	0,310	3,8	100	328	65	2,6	10,7	23,6
FBRK070LGAAA	7,0	9/32	0,385	4,7	100	328	70	2,8	13,1	28,9
FBRK080LGAAA	8,0	5/16	0,500	6,0	100	328	80	3,2	17,2	37,8
FBRK095LGAAA	9,5	3/8	0,710	8,5	100	328	95	3,8	24,4	53,8
FBRK100LGAAA	10,0	7/16	0,785	9,4	50	164	100	4	26,9	59,1
FBRK120LGAAA	12,0	15/32	1,130	13,5	50	164	120	4,8	38,8	85,3
FBRK125LGAAA	12,5	1/2	1,230	14,8	50	164	125	5	42,2	92,9
FBRK150LGAAA	15,0	19/32	1,770	21,5	50	164	150	6	60,8	133,8

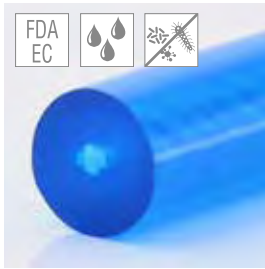
approx. 88° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

\*For overlap welding, the recommended minimum pulley diameter must be increased by +30%.

## PU85A sapphire blue smooth, reinforced Polyester



approx. 88° Shore A  
Recommended pretension  
0,5...2 %

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRK060LGAAC	6,0	7/32	0,283	3,4	100	328	60	2,4	9,7	21,3	21,6	47,5
FBRK063LGA	6,3	1/4	0,310	3,8	100	328	65	2,6	10,7	23,6	23,9	52,5
FBRK070LGA	7,0	9/32	0,385	4,7	100	328	70	2,8	13,1	28,9	29,3	64,4
FBRK080LGA	8,0	5/16	0,500	6,0	100	328	80	3,2	17,2	37,8	38,3	84,2
FBRK095LGA	9,5	3/8	0,710	8,5	100	328	95	3,7	24,4	53,8	54,5	119,8
FBRK100LGA	10,0	7/16	0,785	9,4	50	164	100	3,9	26,9	59,1	59,9	131,7
FBRK120LGA	12,0	15/32	1,130	13,5	50	164	120	4,7	38,8	85,3	86,4	190,1
FBRK125LGA	12,5	1/2	1,230	14,8	50	164	125	4,9	42,2	92,9	94,1	206,9
FBRK150LGA	15,0	19/32	1,770	21,5	50	164	150	5,9	60,8	133,8	135,5	298,0

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU85A plus ultramarine blue rough



approx. 88° Shore A  
Recommended pretension 3...6 %

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRK020LR	2,0	5/64	0,032	0,5	200	656	15	0,6	1,3	2,9
FBRK030LR	3,0	1/8	0,071	0,9	200	656	25	1	3,0	6,6
FBRK040LR	4,0	5/32	0,126	1,6	200	656	35	1,4	5,3	11,6
FBRK048LR	4,8	3/16	0,181	2,2	200	656	45	1,8	7,5	16,5
FBRK050LR	5,0	1/5	0,197	2,4	100	328	50	2	8,1	17,8
FBRK060LR	6,0	7/32	0,283	3,4	100	328	60	2,4	11,7	25,6
FBRK063LR	6,3	1/4	0,310	3,8	100	328	65	2,6	12,8	28,1
FBRK070LR	7,0	9/32	0,385	4,7	100	328	70	2,8	16,0	35,2
FBRK080LR	8,0	5/16	0,500	6,0	100	328	80	3,2	20,7	45,5
FBRK095LR	9,5	3/8	0,710	8,5	100	328	95	3,8	29,3	64,5
FBRK100LR	10,0	7/16	0,785	9,4	50	164	100	4	32,5	71,6
FBRK120LR	12,0	15/32	1,130	13,5	50	164	120	4,7	46,5	102,3
FBRK125LR	12,5	1/2	1,230	14,8	50	164	125	4,9	51,2	112,6
FBRK150LR	15,0	19/32	1,770	21,5	50	164	150	5,9	74,0	162,8

Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,30 | HDPE: approx. 0,25

## PU85A ultramarine blue smooth, reinforced glass fibre PU



approx. 88° Shore A  
Recommended pretension  
0,5...2 %

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBZRP85A080	8,0	5/16	0,500	6,0	100	328	85	3,4	19,8	43,5
FBZRP85A095	9,5	3/8	0,71	8,5	100	328	100	4,0	28,1	61,9
FBZRP85A100	10,0	7/16	0,785	9,4	50	164	105	4,2	31,0	68,2
FBZRP85A120	12,0	15/32	1,130	13,5	50	164	125	5,0	44,7	98,3
FBZRP85A125	12,5	1/2	1,23	14,8	50	164	130	5,2	48,6	107,0
FBZRP85A143	14,3	9/16	1,605	21,0	50	164	150	6,0	63,4	139,4
FBZRP85A150	15,0	19/32	1,77	21,5	50	164	155	6,2	69,9	153,8

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

\*For overlap welding, the recommended minimum pulley diameter must be increased by +30%.

## PU85A ultramarine blue rough, reinforced glass fibre PU



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBZRP85A080R	8,0	5/16	0,500	6,0	100	328	85	3,2	19,8	43,5
FBZRP85A095R	9,5	3/8	0,710	8,5	100	328	100	3,7	28,1	61,9
FBZRP85A100R	10,0	7/16	0,785	9,4	50	164	105	3,9	31,0	68,2
FBZRP85A120R	12,0	15/32	1,130	13,5	50	164	125	4,7	44,7	98,3
FBZRP85A125R	12,5	1/2	1,230	14,8	50	164	130	4,9	48,6	107,0
FBZRP85A143R	14,3	9/16	1,605	21,0	50	164	150	5,7	63,4	139,4
FBZRP85A150R	15,0	19/32	1,770	21,5	50	164	155	5,9	69,9	153,8
FBZRP85A180R	18,0	3/4	2,54	31,0	50	164	195	7,5	-	-
FBZRP85A200R	20,0	25/32	3,14	40,0	50	164	205	7,9	-	-

approx. 88° Shore A

Recommended pretension

0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,30 | HDPE: approx. 0,25

## PU85A emerald green smooth, antistatic-dissipative



Belt for electrostatic discharge.

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRK020GGAAA	2,0	5/64	0,032	0,5	200	656	15	0,6	1,2	2,7
FBRK030GGAAA	3,0	1/8	0,071	0,9	200	656	25	1	2,7	5,8
FBRK040GGAAA	4,0	5/32	0,126	1,6	200	656	35	1,4	4,7	10,3
FBRK048GGAAA	4,8	3/16	0,181	2,2	200	656	45	1,8	6,7	14,8
FBRK050GGAAA	5,0	1/5	0,197	2,4	100	328	50	2	7,1	15,7
FBRK060GGAAA	6,0	7/32	0,283	3,4	100	328	60	2,4	10,4	22,9
FBRK063GGAAA	6,3	1/4	0,310	3,8	100	328	65	2,6	11,4	25,1
FBRK070GGAAA	7,0	9/32	0,385	4,7	100	328	70	2,8	14,1	31,0
FBRK080GGAAA	8,0	5/16	0,500	6,0	100	328	80	3,2	18,4	40,4
FBRK095GGAAA	9,5	3/8	0,710	8,5	100	328	95	3,8	25,9	57,0
FBRK100GGAAA	10,0	7/16	0,785	9,4	50	164	100	4	28,6	62,8
FBRK120GGAAA	12,0	15/32	1,130	13,5	50	164	120	4,8	40,8	89,8
FBRK125GGAAA	12,5	1/2	1,230	14,8	50	164	125	5	44,9	98,7
FBRK150GGAAA	15,0	19/32	1,770	21,5	50	164	150	6	64,9	142,7

approx. 88° Shore A

Recommended pretension 4...8 %

$R_g = <10^9 \Omega (1 G\Omega)$

Surface resistance to ground according to IEC61340-2-3/EN61340-5-1

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A black smooth, antistatic conductive



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRK030SGA	3,0	1/8	0,071	0,9	200	656	30	1,2	2,3	5,1
FBRK040SGA	4,0	5/32	0,126	1,6	200	656	40	1,6	4,1	9,2
FBRK050SGA	5,0	1/5	0,197	2,4	100	328	50	2,0	6,2	13,6
FBRK060SGA	6,0	7/32	0,283	3,4	100	328	60	2,4	9,1	20,0

approx. 88° Shore A

Recommended pretension 3...6 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

Belt for electrostatic discharge,  $R_g = 10^6 \Omega (1 M\Omega)$ , Surface resistance to ground according to IEC61340-2-3/EN61340-5-1



## PU90A white smooth



● red upon request

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRP90A020	2,0	5/64	0,032	0,5	200	656	20	0,8	1,9	4,1
FBRP90A030	3,0	1/8	0,071	0,9	200	656	30	1,2	3,4	7,4
FBRP90A040	4,0	5/32	0,126	1,6	200	656	40	1,6	5,9	12,9
FBRP90A048	4,8	3/16	0,181	2,2	200	656	50	2	8,5	18,7
FBRP90A050	5,0	1/5	0,197	2,4	100	328	55	2,2	9,3	20,4
FBRP90A060	6,0	7/32	0,283	3,4	100	328	70	2,8	13,3	29,2
FBRP90A063	6,3	1/4	0,310	3,8	100	328	75	3	14,6	32,2
FBRP90A070	7,0	9/32	0,385	4,7	100	328	85	3,3	18,3	40,2
FBRP90A080	8,0	5/16	0,500	6,0	100	328	90	3,6	23,8	52,3
FBRP90A095	9,5	3/8	0,710	8,5	100	328	105	4,2	33,3	73,2
FBRP90A100	10,0	7/16	0,785	9,4	50	164	110	4,4	37,3	82,0
FBRP90A120	12,0	15/32	1,130	13,5	50	164	130	5,1	53,3	117,2
FBRP90A125	12,5	1/2	1,23	14,8	50	164	135	5,3	58,0	127,6
FBRP90A15	15,0	19/32	1,770	21,5	50	164	165	6,5	83,6	184,0
FBRP90A18	18,0	3/4	2,54	31,0	50	164	200	7,9	119,8	263,5
FBRP90A20	20,0	25/32	3,14	40,0	50	164	220	8,7	148,3	326,2

approx. 92° Shore A

Recommended pretension 3...5 %

**Coeff. of friction  $\mu$**

Steel	approx. 0,50
PE	approx. 0,30
HDPE	approx. 0,25

## PU90A white smooth, reinforced Polyester



approx. 92° Shore A

Recommended pretension  
0,5...2 %

**Coeff. of friction  $\mu$**

Steel	approx. 0,50
PE	approx. 0,30
HDPE	approx. 0,25

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100 m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBZRP90A060P	6,0	7/32	0,283	3,4	100	328	70	2,8	13,4	29,6	22,5	49,5
FBZRP90A063P	6,3	1/4	0,310	3,8	100	328	75	3	14,8	32,5	26,3	57,8
FBZRP90A070P	7,0	9/32	0,385	4,7	100	328	85	3,3	18,4	40,6	37,5	82,5
FBZRP90A080P	8,0	5/16	0,500	6,0	100	328	90	3,6	24,0	52,8	48,8	107,3
FBZRP90A095P	9,5	3/8	0,710	8,5	100	328	105	4,2	33,6	73,9	56,3	123,8
FBZRP90A100P	10,0	7/16	0,785	9,4	50	164	110	4,4	37,6	82,8	60,0	132,0
FBZRP90A120P	12,0	15/32	1,130	13,5	50	164	130	5,1	53,8	118,3	101,3	222,8
FBZRP90A125P	12,5	1/2	1,230	14,8	50	164	135	5,3	58,6	128,8	108,8	239,3
FBZRP90A150P	15,0	19/32	1,770	21,5	50	164	165	6,5	84,5	185,9	172,5	379,5
FBZRP90A180P	18,0	3/4	2,54	31,0	50	164	200	7,9	121,0	266,1	225,0	495,0
FBZRP90A200P	20,0	25/32	3,14	40,0	50	164	220	8,7	-	-	-	-

\*For overlap welding, the recommended minimum pulley diameter must be increased by +30%.

## TPE40D beige smooth



FDA  
EC

- TPE 40D beige smooth with reinforcement on request

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRK040D020	2,0	5/64	0,032	0,5	200	656	20	0,8	1,9	4,2
FBRK040D030	3,0	1/8	0,071	0,9	200	656	30	1,2	4,1	9,1
FBRK040D040	4,0	5/32	0,126	1,6	200	656	40	1,6	7,6	16,6
FBRK040D048	4,8	3/16	0,181	2,2	200	656	50	2	10,8	23,8
FBRK040D050	5,0	1/5	0,197	2,4	100	328	55	2,2	11,7	25,7
FBRK040D060	6,0	7/32	0,283	3,4	100	328	70	2,8	17,0	37,5
FBRK040D063	6,3	1/4	0,310	3,8	100	328	75	3	18,7	41,2
FBRK040D070	7,0	9/32	0,385	4,7	100	328	85	3,3	23,0	50,7
FBRK040D080	8,0	5/16	0,500	6,0	100	328	90	3,6	30,1	66,2
FBRK040D095	9,5	3/8	0,710	8,5	100	328	105	4,2	42,8	94,2
FBRK040D100	10,0	7/16	0,785	9,4	50	164	110	4,4	47,1	103,7
FBRK040D120	12,0	15/32	1,130	13,5	50	164	130	5,1	67,9	149,5
FBRK040D125	12,5	1/2	1,230	14,8	50	164	135	5,3	74,0	162,7
FBRK040D150	15,0	19/32	1,770	21,5	50	164	165	6,5	106,5	234,2
FBRK040D180	18,0	3/4	2,54	31,0	50	164	200	7,9	151,4	333,0
FBRK040D200	20,0	25/32	3,14	40,0	50	164	220	8,7	188,2	414,0

approx. 40° Shore D / 95° Shore A

Recommended pretension 2...4 %

Coeff. of friction  $\mu$ : Steel: approx. 0,50 | PE: approx. 0,30 | HDPE: approx. 0,25 | FDA/EC/USDA compliant

## TPE55D beige smooth



FDA  
EC

- Further colours on request

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRH55D020B	2,0	5/64	0,032	0,5	200	656	30	1,2	2,4	5,3
FBRH55D030B	3,0	1/8	0,071	0,9	200	656	40	1,6	5,6	12,3
FBRH55D040B	4,0	5/32	0,126	1,6	200	656	50	2	9,9	21,8
FBRH55D048B	4,8	3/16	0,181	2,2	200	656	60	2,4	14,4	31,7
FBRH55D050B	5,0	1/5	0,197	2,4	100	328	65	2,6	15,7	34,5
FBRH55D060B	6,0	7/32	0,283	3,4	100	328	80	3,2	22,4	49,3
FBRH55D063B	6,3	1/4	0,310	3,8	100	328	85	3,3	24,8	54,6
FBRH55D070B	7,0	9/32	0,385	4,7	100	328	95	3,7	30,4	66,9
FBRH55D080B	8,0	5/16	0,500	6,0	100	328	110	4,3	40,0	88,0
FBRH55D095B	9,5	3/8	0,710	8,5	100	328	135	5,3	56,0	123,2
FBRH55D100B	10,0	7/16	0,785	9,4	50	164	145	5,7	62,9	138,3
FBRH55D120B	12,0	15/32	1,130	13,5	50	164	170	6,7	90,6	199,2
FBRH55D125B	12,5	1/2	1,230	14,8	50	164	180	7,1	97,6	214,7
FBRH55D150B	15,0	19/32	1,770	21,5	50	164	210	8,3	140,8	309,8
FBRH55D180B	18,0	3/4	2,54	31,0	50	164	250	9,8	203,2	447,0
FBRH55D200B	20,0	25/32	3,14	40,0	50	164	300	12	251,2	552,6

approx. 55° Shore D / 100° Shore A

Recommended pretension 2...4 %

Coeff. of friction  $\mu$ : Steel: approx. 0,35 | PE: approx. 0,20 | HDPE: approx. 0,15 | FDA/EC/USDA compliant

## TPE55D beige smooth, reinforced Polyester



FDA  
EC

55° Shore D · approx. 100° Shore A

Recommended pretension 0,5...2 %

**Coeff. of friction  $\mu$**

Steel approx. 0,35

PE approx. 0,20

HDPE approx. 0,15

FDA/EC/USDA compliant

Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley $\varnothing^*$		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBZRH55D060B	6,0	7/32	0,283	3,4	100	328	80	3,2	22,4	49,3	45,0	99,0
FBZRH55D063B	6,3	1/4	0,310	3,8	100	328	85	3,3	24,8	54,6	48,8	107,3
FBZRH55D070B	7,0	9/32	0,385	4,7	100	328	95	3,7	30,4	66,9	60,0	132,0
FBZRH55D080B	8,0	5/16	0,500	6,0	100	328	110	4,3	40,0	88,0	71,3	156,8
FBZRH55D095B	9,5	3/8	0,771	8,5	100	328	135	5,3	56,0	123,2	90,0	198,0
FBZRH55D100B	10,0	7/16	0,785	9,4	50	164	145	5,7	62,9	138,3	97,5	214,5
FBZRH55D120B	12,0	15/32	1,130	13,5	50	164	170	6,7	90,6	199,2	127,5	280,5
FBZRH55D125B	12,5	1/2	1,230	14,8	50	164	180	7,1	97,6	214,7	135,0	297,0
FBZRH55D150B	15,0	19/32	1,770	21,5	50	164	210	8,3	140,8	309,8	206,3	453,8
FBZRH55D180B	18,0	3/4	2,54	31,0	50	164	250	9,8	203,2	447,0	243,8	536,3
FBZRH55D200B	20,0	25/32	3,14	40,0	50	164	300	11,8	-	-	-	-

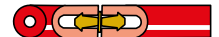


### Hollow round belt with brass connector

Hollow round belts generally offer two advantages:

- The flexibility of the belts allows them to be used for small pulley diameters
- In case of belt breakage, the downtime can be bridged immediately with a nipple connection. (However, hollow round belts should always be welded.)

## PU75A red smooth hollow round belt



approx. 80° Shore A

Recommended pretension 4...8 %

Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	Outer	Inside			m	ft	mm	inch	kg	lbs
FBHP75A048	4,8	1,8	0,147	1,8	200	656	30	1,2	3,7	8,1
FBHP75A063	6,3	2,5	0,261	3,2	100	328	45	1,8	6,7	14,7
FBHP75A080	8,0	3,2	0,420	5,1	100	328	55	2,2	10,8	23,8
FBHP75A095	9,5	3,8	0,600	7,2	100	328	65	2,6	15,3	33,7
FBHP75A125	12,5	5,2	1,020	12,4	50	164	85	3,4	26,1	57,4
FBHP75A150	15,0	5,2	1,560	19,0	50	164	100	4,0	39,6	87,1

**Coeff. of friction  $\mu$ :** Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

## PU75A sky blue smooth hollow round belt



FDA  
EC

-30°C

Water

Oil

approx. 80° Shore A

Recommended pretension

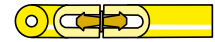
4...8 %

Order No.	Diameter $\varnothing$		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	Outer	Inside			m	ft	mm	inch	kg	lbs
FBHP75A048HI	4,8	1,8	0,147	1,8	200	656	30	1,2	3,6	7,9
FBHP75A063HI	6,3	2,5	0,261	3,2	100	328	45	1,8	6,2	13,6
FBHP75A080HI	8,0	3,2	0,420	5,1	100	328	55	2,2	10,0	22,2
FBHP75A095HI	9,5	3,8	0,600	7,2	100	328	65	2,6	14,4	31,7
FBHP75A125HI	12,5	5,2	1,020	12,4	50	164	85	3,4	24,4	53,7
FBHP75A150HI	15,0	5,2	1,560	19,0	50	164	100	4,0	37,4	82,3

**Coeff. of friction  $\mu$ :** Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35 | FDA/EC/USDA compliant

\*For overlap welding, the recommended minimum pulley diameter must be increased by +30%.

## PU85A yellow smooth hollow round belt



approx. 88° Shore A

Recommended pretension 4...8 %

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min.-pulley-Ø		Fmax/belt (Standard)	
	Outer	Inside			m	ft	mm	inch	kg	lbs
FBHP85A048GE	4,8	1,8	0,147	1,8	200	656	35	1,4	5,3	11,7
FBHP85A063GE	6,3	2,5	0,261	3,2	100	328	55	2,2	9,4	20,6
FBHP85A080GE	8,0	3,2	0,420	5,1	100	328	65	2,6	15,3	33,7
FBHP85A095GE	9,5	3,8	0,600	7,2	100	328	75	3,0	20,4	44,9
FBHP85A125GE	12,5	5,2	1,020	12,4	50	164	100	3,9	36,7	80,8
FBHP85A150GE	15,0	5,2	1,560	19,0	50	164	120	4,7	57,1	125,7

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A green rough hollow round belt



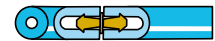
approx. 88° Shore A

Recommended pretension 4...8 %

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min.-pulley-Ø		Fmax/belt (Standard)	
	Outer	Inside			m	ft	mm	inch	kg	lbs
FBHP85A048R	4,8	1,8	0,147	1,8	200	656	35	1,4	5,3	11,7
FBHP85A063R	6,3	2,5	0,261	3,2	100	328	55	2,2	9,4	20,6
FBHP85A080R	8,0	3,2	0,420	5,1	100	328	65	2,6	15,3	33,7
FBHP85A095R	9,5	3,8	0,600	7,2	100	328	75	3,0	20,4	44,9
FBHP85A125R	12,5	5,2	1,020	12,4	50	164	100	3,9	36,7	80,8
FBHP85A150R	15,0	5,2	1,560	19,0	50	164	120	4,7	57,1	125,7

Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A sapphire blue smooth hollow round belt



approx. 88° Shore A

Recommended pretension 4...8 %

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	Outer	Inside			m	ft	mm	inch	kg	lbs
FBHK048LG	4,8	1,8	0,147	1,8	200	656	35	1,4	5,1	11,1
FBHK063LG	6,3	2,5	0,261	3,2	100	328	55	2,2	9,0	19,8
FBHK080LG	8,0	3,2	0,420	5,1	100	328	65	2,6	14,4	31,8
FBHK095LG	9,5	3,8	0,600	7,2	100	328	75	3,0	20,6	45,3
FBHK125LG	12,5	5,2	1,020	12,4	50	164	100	3,9	35,0	77,1
FBHK150LG	15,0	5,2	1,560	19,0	50	164	120	4,7	53,5	117,8

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU90A white smooth hollow round belt



approx. 92° Shore A

Recommended pretension 3...5 %

Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	Outer	Inside			m	ft	mm	inch	kg	lbs
FBHP90A048	4,8	1,8	0,147	1,8	200	656	45	1,8	8,6	19,0
FBHP90A063	6,3	2,5	0,261	3,2	100	328	60	2,4	12,4	27,2
FBHP90A080	8,0	3,2	0,420	5,1	100	328	75	3,0	19,0	41,8
FBHP90A095	9,5	3,8	0,600	7,2	100	328	85	3,4	28,5	62,7
FBHP90A125	12,5	5,2	1,020	12,4	50	164	115	4,5	47,5	104,5
FBHP90A150	15,0	5,2	1,560	19,0	50	164	140	5,5	72,3	159,0

Coeff. of friction  $\mu$ : Steel: approx. 0,50 | PE: approx. 0,30 | HDPE: approx. 0,25



## Can Cables

The following round belts are specially designed for the transport of empty or filled cans on short or very long conveying distances. Our professional welding technology ensures safe and durable joinings. A special feature is the CRIMP connection for steel tension members (p. 109).

## PU95A red smooth, reinforced Aramid



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100 m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRN095RM	9,5	3/8	0,71	8,5	152	500	175	6,9	35,5	78,1	210	462
FBRN100RM	10,0	7/16	0,785	9,4	152	500	185	7,3	39,3	86,5	210	462
FBRN120RM	12,0	15/32	1,13	13,5	152	500	220	8,7	56,6	124,5	210	462
FBRN125RM	12,5	1/2	1,23	14,8	152	500	230	9,1	61,6	136	210	462

approx. 95° Shore A

Recommended pretension 0,5...2 %, **Coeff. of friction μ**: Steel: approx. 0,40 | PE: approx. 0,25 | HDPE: approx. 0,20

## PU95A red slightly rough, reinforced Aramid



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100 m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRN095RMA	9,5	3/8	0,71	8,5	152	500	175	6,9	35,5	78,1	210	462

approx. 95° Shore A

Recommended pretension 0,5...2 %, **Coeff. of friction μ**: Steel: approx. 0,40 | PE: approx. 0,25 | HDPE: approx. 0,20

## TPE55D beige smooth, reinforced steel



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. Weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/Belt (CRIMP) ★	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRS095BGB	9,5	3/8	0,710	8,5	500	1640	380	15,0	225,0	495,0
FBRS100BGB	10,0	7/16	0,785	9,4	500	1640	380	15,0	225,0	495,0
FBRS120BGB	12,0	15/32	1,082	13,0	500	1640	380	15,0	225,0	495,0
FBRS125BGB	12,5	1/2	1,230	14,8	500	1640	380	15,0	225,0	495,0

Recommended pretension max. 0,5 %

55° Shore D - approx. 100° Shore A

**Coeff. of friction μ**: Steel: approx. 0,35 | PE: approx. 0,20 | HDPE: approx. 0,15 | **FDA/EC/USDA compliant**

\*Overlap +30%; ★ Crimp sleeve connection / connection set and tool on page 109.

## TPE55D sky blue smooth, reinforced Aramid



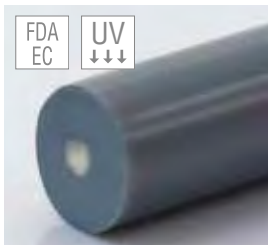
Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRS095LGA	9,5	3/8	0,71	8,5	152	500	175	6,9	56	123,2	225	495
FBRS100LGA	10,0	7/16	0,785	9,4	152	500	185	7,3	62,9	138,3	225	495
FBRS120LGA	12,0	15/32	1,13	13,5	152	500	220	8,7	90,6	199,2	225	495
FBRS125LGA	12,5	1/2	1,23	14,8	152	500	230	9,1	97,6	214,7	225	495

Recommended pretension 0,5...2 %

55° Shore D - approx. 100° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,35 | PE: approx. 0,20 | HDPE: approx. 0,15 | FDA/EC/USDA compliant

## TPE63D silver smooth, reinforced Polyester



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRT095IGA	9,5	3/8	0,710	8,5	152	500	190	7,5	59,4	130,6	190	418
FBRT100IGA	10,0	7/16	0,785	9,4	152	500	200	7,9	67,0	147,4	190	418
FBRT120IGA	12,0	15/32	1,130	13,5	152	500	255	10,3	96,0	211,2	190	418
FBRT125IGA	12,5	1/2	1,230	14,8	152	500	270	10,6	102,8	226,2	190	418

Recommended pretension 0,5...2 %

63° Shore D - approx. >100° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,30 | PE: approx. 0,15 | HDPE: approx. 0,10 | FDA/EC/USDA compliant

## TPE63D beige smooth, reinforced Polyester



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRT095NGA	9,5	3/8	0,710	8,5	152	500	190	7,5	59,4	130,6	190	418
FBRT100NGA	10,0	7/16	0,785	9,4	152	500	200	7,9	67,0	147,4	190	418
FBRT120NGA	12,0	15/32	1,130	13,5	152	500	255	10,3	96,0	211,2	190	418
FBRT125NGA	12,5	1/2	1,230	14,8	152	500	270	10,6	102,8	226,2	190	418

Recommended pretension 0,5...2 %

63° Shore D - approx. >100° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,30 | PE: approx. 0,15 | HDPE: approx. 0,10 | FDA/EC/USDA compliant

## TPE63D beige smooth, reinforced Aramid



Order No.	Diameter Ø		Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRT095NGC	9,5	3/8	0,710	8,5	152	500	190	7,5	59,4	130,6	225	495
FBRT100NGC	10,0	7/16	0,785	9,4	152	500	200	7,9	67,0	147,4	225	495
FBRT120NGC	12,0	15/32	1,130	13,5	152	500	255	10,3	96,0	211,2	225	495
FBRT125NGC	12,5	1/2	1,230	14,8	152	500	270	10,6	102,8	226,2	225	495

Recommended pretension 0,5...2 %

63° Shore D - approx. >100° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,30 | PE: approx. 0,15 | HDPE: approx. 0,10 | FDA/EC/USDA compliant

\*For overlap welding, the recommended minimum pulley diameter must be increased by +30%.



## Twisted round belts / Belts with hook

Twisted round belts are the ideal solution for drive or transport systems in which several belts run on one shaft.

These belts are connected quickly, safely and easily by two hooks. The second hook is simply closed with a pair of pliers.

## PU70A twisted round belts sky blue smooth



approx. 76° Shore A

Recommended pretension 8...10 %

Order No.	Diameter $\varnothing$		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch	mm	inch	kg	lbs
FBXH3X250LG FBXH3X710LG	5,0	1/5	40	1,6	2,5	5,5

Available standard lengths of 250...710 mm



Coeff. of friction  $\mu$ : Steel: approx. 0,75 | FDA/EC/USDA compliant (Limited suitability EC)

## PU75A plus twisted round belts orange smooth (matt)



approx. 80° Shore A

Recommended pretension 6...8 %

Order No.	Diameter $\varnothing$		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
	mm	inch	mm	inch	kg	lbs
FBXI3X2500G FBXI3X4500G	5,0	1/5	40	1,6	3,8	8,4

Available standard lengths of 250...710 mm



Coeff. of friction  $\mu$ : Steel: approx. 0,70



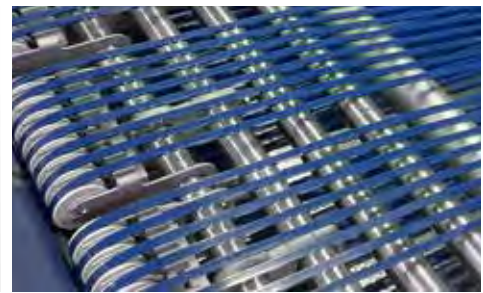
Measure the correct belt length tip to tip (production length Lf), without the hook.

Construction: 2 x  $\varnothing$  3 mm ( $\varnothing$  5 mm)



### Customized belts with hook

On request, we are happy to manufacture twisted round belts in other colours or surface structures.



## V-belts

Weldable V-belts made of PU and TPE are available in various Shore hardnesses and diameters for conveying and power-transmission applications. Many belts are food-approved and have various special properties for particularly demanding applications.

Typical industries are: Food, logistics, printing & paper, packaging, building materials and much more.

### PU75A red smooth

notched version possible



approx. 80° Shore A

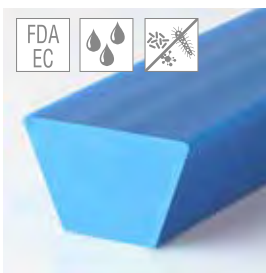
Recommended pretension 4...8 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKP75A06	6 x 4 (Y)	0,19	2,3	100	328	35	1,4	4,9	10,8
FBKP75A08	8 x 5 (M)	0,32	4,0	100	328	40	1,6	8,2	18,1
FBKP75A10	10 x 6 (Z)	0,48	6,0	50	164	50	2,0	12,2	26,7
FBKP75A13	13 x 8 (A)	0,82	10,0	50	164	75	3,0	20,6	45,3
FBKP75A17	17 x 11 (B)	1,46	18,0	50	164	100	3,9	37,2	81,9
FBKP75A22	22 x 14 (C)	2,40	29,0	50	164	145	5,7	60,8	133,7
FBKP75A32	32 x 20 (D)	5,00	62,0	25	82	210	8,3	127,4	280,3

Coeff. of friction  $\mu$ : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

### PU75A sky blue smooth

notched version possible



approx. 80° Shore A

Recommended pretension 4...8 %

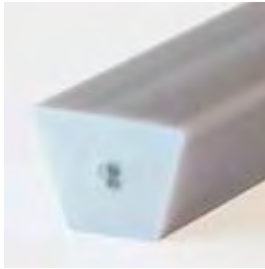
Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKI6YLGA	6 x 4 (Y)	0,19	2,3	100	328	35	1,4	4,6	10,1
FBKI8MLGA	8 x 5 (M)	0,32	4,0	100	328	40	1,6	7,6	15,8
FBKI10ZLGA	10 x 6 (Z)	0,48	6,0	50	164	50	2,0	11,6	25,5
FBKI13ALGA	13 x 8 (A)	0,82	10,0	50	164	75	3,0	19,6	43,1
FBKI17BLGA	17 x 11 (B)	1,46	18,0	50	164	100	3,9	35,0	77,0

Coeff. of friction  $\mu$ : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35 | FDA/EC/USDA compliant



## PU75A light grey, reinforced Polyester

notched version possible 



Order No.	Profile dimension	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm			m	ft	mm	inch	kg	lbs	kg	lbs
FBKI13AHGA	13 x 8 (A)	0,82	10,0	50	164	75	3,0	20,6	45,3	41,2	90,4
FBKI17BHGA	17 x 11 (B)	1,46	18,0	50	164	100	3,9	37,2	81,9	83,8	184,4
FBKI22CHGA	22 x 14 (C)	2,40	29,0	50	164	140	5,5	60,8	133,7	127,5	280,5

approx. 80° Shore A

Recommended pretension 0,5...2 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

## PU75A orange, reinforced glass fibre PU

notched version possible 



Order No.	Profile dimension	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm			m	ft	mm	inch	kg	lbs
FBZKP75A13GL	13 x 8 (A)	0,82	10,0	50	164	110	4,4	25,3	55,6
FBZKP75A17GL	17 x 11 (B)	1,46	18,0	50	164	140	5,5	45,0	98,9
FBZKP75A22GL	22 x 14 (C)	2,40	29,0	50	164	180	7,1	66,2	145,7

approx. 80° Shore A

Recommended pretension 0,5...2 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

## PU80A orange smooth

notched version possible 



Order No.	Profile dimension	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm			m	ft	mm	inch	kg	lbs
FBJ6YOG	6 x 4 (Y)	0,19	2,3	30	100	40	1,6	6,2	13,7
FBJ8MOG	8 x 5 (M)	0,32	4,0	30	100	45	1,8	10,3	22,6
FBJ10ZOG	10 x 6 (Z)	0,48	6,0	30	100	55	2,2	15,4	33,9
FBJ13AOG	13 x 8 (A)	0,82	10,0	30	100	85	3,3	26,3	57,9
FBJ17BOG	17 x 11 (B)	1,46	18,0	30	100	110	4,3	46,9	103,1
FBJ22COG	22 x 14 (C)	2,40	29,0	30	100	150	5,9	77,0	169,5
FBJ32DOG	32 x 20 (D)	5,00	62,0	30	100	220	8,7	160,5	353,1

approx. 84° Shore A

Recommended pretension 4...8 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30

FDA/EC/USDA compliant

## PU80A orange smooth, reinforced Polyester

notched version possible 



Order No.	Profile dimension	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)		Fmax/belt (Overlap)	
	mm			m	ft	mm	inch	kg	lbs	kg	lbs
FBJ8MOGA	8 x 5 (M)	0,32	4,0	30	100	50	2,0	10,3	22,6	21,6	47,5
FBJ10ZOGA	10 x 6 (Z)	0,48	6,0	30	100	60	2,4	15,4	33,9	32,4	71,3
FBJ13AOGA	13 x 8 (A)	0,82	10,0	30	100	85	3,3	25,9	57,0	54,5	119,8
FBJ13AOGA001	13 x 8 (A)	0,82	10,0	50	164	85	3,3	25,9	57,0	54,5	119,8
FBJ17BOGA	17 x 11 (B)	1,46	18,0	30	100	110	4,3	46,9	103,1	98,6	216,8
FBJ17BOGC	17 x 11 (B)	1,46	18,0	100	328	110	4,3	46,9	103,1	98,6	216,8
FBJ22COGA	22 x 14 (C)	2,40	29,0	30	100	150	5,9	77,0	169,5	150,0	330,0
FBJ32DOGA	32 x 20 (D)	5,0	62,0	30	100	220	8,7	154	338,8	n/a	n/a

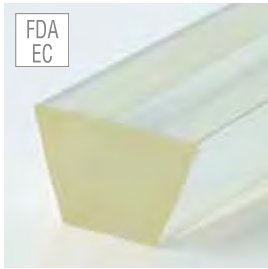
approx. 84° Shore A

Recommended pretension 0,5...2 %

**Coeff. of friction  $\mu$** : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU80A transparent smooth

notched version possible



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKP80A06TR	6 x 4 (Y)	0,19	2,3	100	328	40	1,6	6,2	13,7
FBKP80A08TR	8 x 5 (M)	0,32	4,0	100	328	45	1,8	10,3	22,6
FBKP80A10TR	10 x 6 (Z)	0,48	6,0	50	164	55	2,2	15,4	33,9
FBKP80A13TR	13 x 8 (A)	0,82	10,0	50	164	85	3,3	26,3	57,9
FBKP80A17TR	17 x 11 (B)	1,46	18,0	50	164	110	4,3	46,9	103,1
FBKP80A22TR	22 x 14 (C)	2,40	29,0	50	164	150	5,9	77,0	169,5
FBKP80A32TR	32 x 20 (D)	5,00	62,0	25	82	220	8,7	160,5	353,1

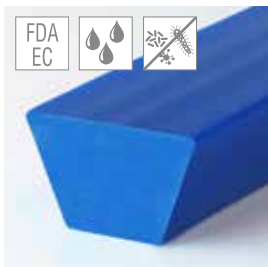
approx. 84° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU80A ultramarine blue smooth

notched version possible



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKJ06YZLG	6 x 4 (Y)	0,19	2,3	100	328	40	1,6	6,2	13,7
FBKJ08MLG	8 x 5 (M)	0,32	4,0	100	328	45	1,8	10,3	22,6
FBKJ10ZLG	10 x 6 (Z)	0,48	6,0	50	164	55	2,2	15,4	33,9

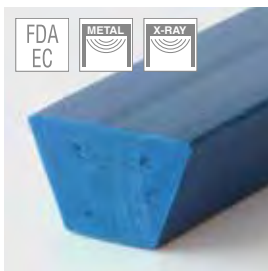
approx. 84° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU80A safe capri blue smooth

notched version possible



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKJ6YLGM	6 x 4 (Y)	0,19	2,3	100	328	40	1,6	4,6	10,2
FBKJ8MLGM	8 x 5 (M)	0,32	4,0	100	328	45	1,8	7,7	16,9
FBKJ10ZLGM	10 x 6 (Z)	0,48	6,0	50	164	55	2,2	11,5	25,3
FBKJ13ALGM	13 x 8 (A)	0,82	10,0	50	164	85	3,3	19,7	43,3
FBKJ17BLGM	17 x 11 (B)	1,46	18,0	50	164	110	4,3	35,0	77,1
FBKJ22CLGM	22 x 14 (C)	2,40	29,0	50	164	150	6,0	57,6	126,7

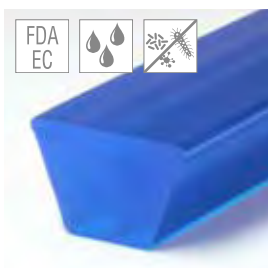
approx. 84° Shore A

Recommended pretension 3...6 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU85A sapphire blue smooth

notched version possible



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKK06MLGAAA	6 x 4 (Y)	0,19	2,3	100	328	45	1,8	6,5	14,2
FBKK08MLGAAA	8 x 5 (M)	0,32	4,0	100	328	50	2,0	10,9	24,0
FBKK10ZLGAAA	10 x 6 (Z)	0,48	6,0	50	164	65	2,6	16,6	36,4
FBKK13ALGAAA	13 x 8 (A)	0,82	10,0	50	164	95	3,8	28,1	61,8
FBKK17BLGAAA	17 x 11 (B)	1,46	18,0	50	164	120	4,7	50,1	110,2
FBKK22CLGAAA	22 x 14 (C)	2,40	29,0	50	164	165	6,5	82,4	181,3

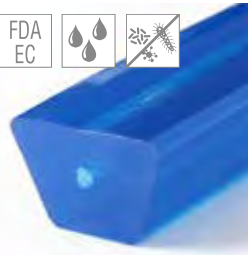
approx. 88° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU85A sapphire blue smooth, reinforced Polyester

notched  
version possible



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)		Fmax/belt (Overlap)	
				m	ft	mm	inch	kg	lbs	kg	lbs
FBZKP85A13PS	13 x 8 (A)	0,82	10,0	50	164	95	3,8	28,1	61,8	60,1	132,2
FBZKP85A17PS	17 x 11 (B)	1,46	18,0	50	164	120	4,7	50,1	110,2	105,3	231,7
FBZKP85A22PS	22 x 14 (C)	2,40	29,0	50	164	165	6,5	82,4	181,3	175,1	385,2

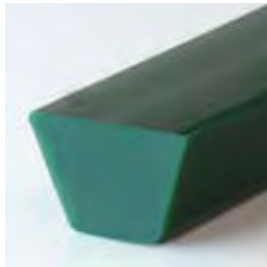
approx. 88° Shore A

Recommended pretension 0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU85A green smooth

notched version possible



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKP85A06	6 x 4 (Y)	0,19	2,3	100	328	45	1,8	6,9	15,3
FBKP85A08	8 x 5 (M)	0,32	4,0	100	328	50	2,0	11,6	25,6
FBKP85A10	10 x 6 (Z)	0,48	6,0	50	164	65	2,6	17,5	38,6
FBKP85A13	13 x 8 (A)	0,82	10,0	50	164	95	3,8	30,0	66,0
FBKP85A17	17 x 11 (B)	1,46	18,0	50	164	120	4,7	53,0	116,7
FBKP85A22	22 x 14 (C)	2,40	29,0	50	164	165	6,5	87,7	193,0
FBKP85A32	32 x 20 (D)	5,00	62,0	25	82	250	9,8	195,8	430,8

approx. 88° Shore A

Recommended pretension 4...8 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A green, reinforced Aramid

notched version possible



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley ∅		Fmax/belt (Standard)		Fmax/belt (Overlap)	
				m	ft	mm	inch	kg	lbs	kg	lbs
FBZKP85A08A	8 x 5 (M)	0,32	4,0	100	328	60	2,4	11,6	25,6	25,7	56,4
FBZKP85A10A	10 x 6 (Z)	0,48	6,0	50	164	70	2,8	17,5	38,6	37,5	82,5
FBZKP85A13A	13 x 8 (A)	0,82	10,0	50	164	100	3,9	30,0	66,0	63,8	140,3
FBZKP85A17A	17 x 11 (B)	1,46	18,0	50	164	140	5,5	53,0	116,7	112,5	247,5
FBZKP85A22A	22 x 14 (C)	2,40	29,0	50	164	180	7,1	87,7	193,0	187,5	412,5
FBKK32DGGA	32 x 20 (D)	5,00	62,0	40	131	275	10,8	193,8	430,8	n/a	n/a

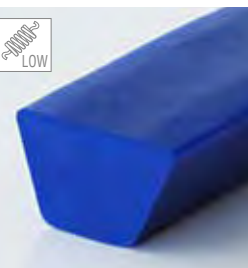
approx. 88° Shore A

Recommended pretension  
0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A plus blue matt

notched version possible



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKP85A06BP	6 x 4 (Y)	0,19	2,3	100	328	45	1,8	7,9	17,4
FBKP85A08BP	8 x 5 (M)	0,32	4,0	100	328	50	2,0	13,2	29,0
FBKP85A10BP	10 x 6 (Z)	0,48	6,0	50	164	65	2,6	19,9	43,8
FBKP85A13BP	13 x 8 (A)	0,82	10,0	50	164	95	3,8	33,8	74,4
FBKP85A17BP	17 x 11 (B)	1,46	18,0	50	164	120	4,7	60,3	132,8
FBKP85A22BP	22 x 14 (C)	2,40	29,0	50	164	165	6,5	99,3	218,4
FBKP85A32BP	32 x 20 (D)	5,00	62,0	25	82	250	9,8	206,8	455,0

approx. 88° Shore A

Recommended pretension 3...6 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A ultramarine blue, reinforced glass fibre PU



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBZKP85A13	13 x 8 (A)	0,82	10,0	50	164	125	4,9	32,8	72,2
FBZKP85A17 (Nut)	17 x 11 (B)	1,46	18,0	50	164	180	7,1	55,4	122,0
FBZKP85A22 (Nut)	22 x 14 (C)	2,40	29,0	50	164	220	8,7	92,4	203,3

approx. 88° Shore A

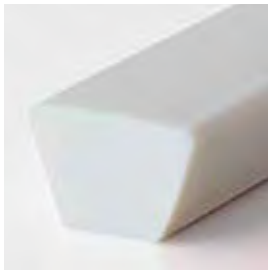
Recommended pretension

0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU90A white smooth

notched version possible 



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKP90A08	8 x 5 (M)	0,32	4,0	100	328	60	2,4	15,4	33,8
FBKP90A10	10 x 6 (Z)	0,48	6,0	50	164	80	3,2	23,0	50,7
FBKP90A13	13 x 8 (A)	0,82	10,0	50	164	105	4,2	38,4	84,5
FBKP90A17	17 x 11 (B)	1,46	18,0	50	164	140	5,5	69,1	152,1
FBKP90A22	22 x 14 (C)	2,40	29,0	50	164	200	7,9	115,2	253,4
FBKP90A32 (nature)	32 x 20 (D)	5,00	62,0	25	82	320	12,6	240,0	528,0

approx. 92° Shore A

Recommended pretension 3...5 %

Coeff. of friction  $\mu$ : Steel: approx. 0,50 | PE: approx. 0,30 | HDPE: approx. 0,25

## PU90A white, reinforced Polyester



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)		Fmax/belt (Overlap)	
				m	ft	mm	inch	kg	lbs	kg	lbs
FBZKP90A08P	8 x 5 (M)	0,32	4,0	100	328	65	2,6	15,4	33,8	30,0	66,0
FBZKP90A10P	10 x 6 (Z)	0,48	6,0	50	164	85	3,3	23,0	50,7	45,0	99,0
FBZKP90A13P	13 x 8 (A)	0,82	10,0	50	164	110	4,3	38,4	84,5	67,5	148,5
FBZKP90A17P	17 x 11 (B)	1,46	18,0	50	164	150	5,9	69,1	152,1	120,0	264,0
FBZKP90A22P	22 x 14 (C)	2,40	29,0	50	164	210	8,3	115,2	253,4	202,5	445,5

approx. 92° Shore A

Recommended pretension

0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,50 | PE: approx. 0,30 | HDPE: approx. 0,25

## PU90A white, reinforced Polyester, with notched bottom



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBZKP90A13PV	13 x 8 (A)	0,82	10,0	50	164	85	3,3	32,6	71,8
FBZKP90A17PV	17 x 11 (B)	1,46	18,0	50	164	110	4,3	58,8	129,3
FBZKP90A22PV	22 x 14 (C)	2,40	29,0	50	164	150	5,9	97,9	215,4

approx. 92° Shore A

Recommended pretension 0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,50 | PE: approx. 0,30 | HDPE: approx. 0,25

## PU95A beige, reinforced Polyester

notched version possible 



approx. 95° Shore A

Recommended pretension  
0,5...2 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100 m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)		Fmax/belt (Overlap)	
				m	ft	mm	inch	kg	lbs	kg	lbs
FBKM13ABGA	13 x 8 (A)	0,82	10,0	50	164	130	5,0	40,0	88,0	67,5	148,5
*FBZKP95A13PV	13 x 8 (A)	0,82	10,0	50	164	100	3,9	34,0	74,8	n/a	n/a
FBKM17BBGA	17 x 11 (B)	1,46	18,0	50	164	175	6,8	72,0	158,4	120,0	264,0
*FBZKP95A17PV	17 x 11 (B)	1,46	18,0	50	164	130	5,0	61,2	134,6	n/a	n/a
FBKM22CBGA	22 x 14 (C)	2,40	29,0	50	164	250	9,7	120,0	264,0	202,0	444,4
*FBZKP95A22PV	22 x 14 (C)	2,40	29,0	50	164	190	7,4	102,0	224,4	n/a	n/a

Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,25 | HDPE: approx. 0,20 | \*gezahnt

## TPE40D beige smooth

notched version possible 



40° Shore D - approx. 95° Shore A

Recommended pretension 2...4 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKR08MBG	8 x 5 (M)	0,32	4,0	100	328	60	2,4	19,3	42,4
FBKR10ZBG	10 x 6 (Z)	0,48	6,0	50	164	80	3,2	28,9	63,6
FBKR13ABG	13 x 8 (A)	0,82	10,0	50	164	105	4,2	49,4	108,6
FBKR17BBG	17 x 11 (B)	1,46	18,0	50	164	140	5,5	87,7	193,0
FBKR22CBG	22 x 14 (C)	2,40	29,0	50	164	200	7,9	144,5	317,9

Coeff. of friction  $\mu$ : Steel: approx. 0,50 | PE: approx. 0,25 | HDPE: approx. 0,20 | FDA/EC/USDA compliant

## TPE55D beige / blue smooth

notched version possible 



55° Shore D - approx. 100° Shore A

Recommended pretension 2...4 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKH55D08B (beige)	8 x 5 (M)	0,32	4,0	100	328	80	3,2	25,6	56,3
FBKH55D10B (beige)	10 x 6 (Z)	0,48	6,0	50	164	105	4,2	38,4	84,5
FBKH55D13B (beige)	13 x 8 (A)	0,82	10,0	50	164	130	5,1	64,0	140,8
*FBKH55D17 (blue)	17 x 11 (B)	1,46	18,0	50	164	175	7	116,8	257,0
FBKH55D22B (beige)	22 x 14 (C)	2,40	29,0	50	164	250	9,8	192,0	422,4

Coeff. of friction  $\mu$ : Steel: approx. 0,35 | PE: approx. 0,20 | HDPE: approx. 0,15

FDA/EC/USDA compliant

## TPE55D beige, reinforced Polyester

notched version possible 



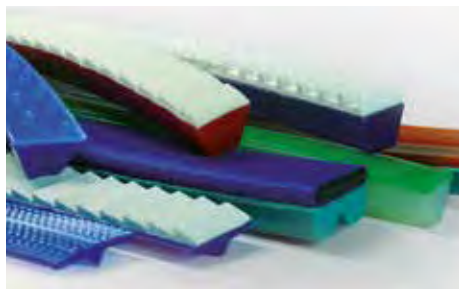
55° Shore D - approx. 100° Shore A

Recommended pretension 0,5...2 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100 m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)		Fmax/belt (Overlap)	
				m	ft	mm	inch	kg	lbs	kg	lbs
FBKH55D10P	10 x 6 (Z)	0,48	6,0	50	164	110	4,4	48	105,6	70	154
FBKH55D13P	13 x 8 (A)	0,82	10,0	50	164	135	5,3	80	176	110	242
FBKH55D17P	17 x 11 (B)	1,46	18,0	50	164	190	7,2	146	321,2	180	396
FBKH55D22P	22 x 14 (C)	2,40	29,0	50	164	260	10,2	240	528	300	660

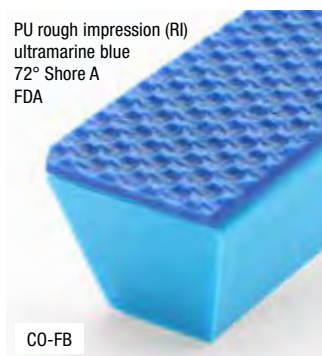
Coeff. of friction  $\mu$ : Steel: approx. 0,35 | PE: approx. 0,20 | HDPE: approx. 0,15 | FDA/EC/USDA compliant

# Coatings and embossings for profiles

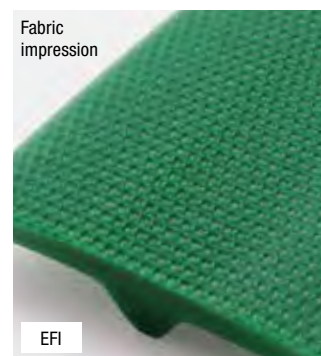
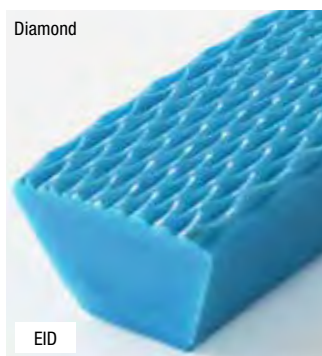


## Coatings and embossings

The application of coatings to V-belts enables specific material properties, e.g. better grip, accumulation or better release on a durable base belt. The „PUtex“ coating is THE alternative to Linatex (rubber). A direct variant for optimising the conveying process is embossing the profile surfaces.



## Embossings





## Twin-V-belts

Twin-V-belts are an optimal solution for stable conveying or spreading applications of product strands in the food industry. Our portfolio includes various design options, Shore hardness grades and reinforced products.

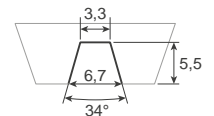
### PU75A red smooth



approx. 80° Shore A

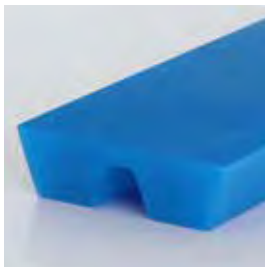
Recommended pretension 3...6 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSP75A21X8	21 x 8	1,2	14,0	30	100	60	2,3	23,0	50,6



Coeff. of friction  $\mu$ : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

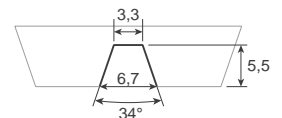
### PU75A sky blue smooth



approx. 80° Shore A

Recommended pretension 3...6 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSJ30X8LG	30 x 8	1,9	22,4	50	164	60	2,3	45,5	100,1



Twin A






Coeff. of friction  $\mu$ : Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

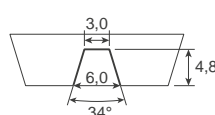
### PU80A orange / ultramarine blue smooth



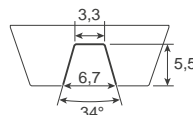
approx. 84° Shore A

Recommended pretension 3...6 %

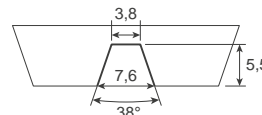
Order No.	Color	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
					m	ft	mm	inch	kg	lbs
FBSJ23X68LGB		24 x 6,8	1,2	14,4	30	100	60	2,4	28,8	63,4
FBSJ24X680GB		24 x 6,8	1,2	14,4	30	100	60	2,4	28,8	63,4
FBSP80A21X8		21 x 8	1,2	14,0	30	100	80	3,1	28,8	63,4
FBSJ30X80G		30 x 8	1,9	22,4	30	100	80	3,1	45,6	100,3
FBSJ30X80GC		30 x 8	1,9	22,4	30	100	80	3,1	45,6	100,3



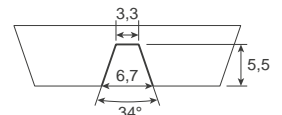
FBSJ23X68LGB  
FBSJ24X680GB  
(Twin Z / 3L)



FBSP80A21X8



FBSJ30X80G



FBSJ30X80GC  
(Twin A)

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

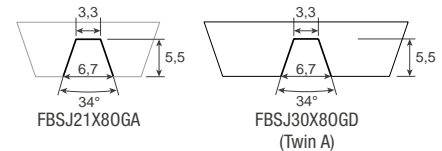
## PU80A orange smooth, reinforced Polyester



approx. 84° Shore A

Recommended pretension 0,5...2 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
				m	ft	mm	inch	kg	lbs	kg	lbs
FBSJ21X80GA	21 x 8	1,2	14,4	30	100	80	3,1	28,8	63,4	58,4	128,5
FBSJ30X80GD	30 x 8	1,9	22,4	30	100	80	3,1	45,6	100,3	90,6	199,3



Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

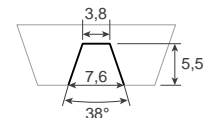
## PU85A mint green smooth, reinforced Polyester



approx. 88° Shore A

Recommended pretension 0,5...2 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø*		Fmax/belt (Standard)		Fmax/belt (Overlap)	
				m	ft	mm	inch	kg	lbs	kg	lbs
FBSK30X8GGA	30 x 8	1,9	22,4	30	100	100	3,9	69,8	153,5	102,6	225,7



Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

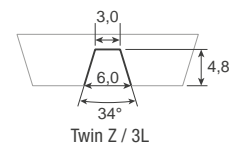
## PU95A (24 x 6,8 mm) beige 3L



approx. 95° Shore A

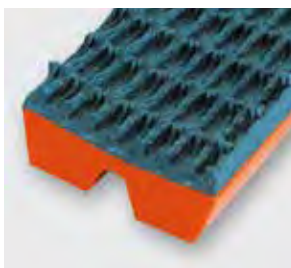
Recommended pretension 3...5 %

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSJ24X68BGB	24 x 6,8	1,26	15	30	100	100	3,9	62,1	136,6



Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,25 | HDPE: approx. 0,20 | FDA/EC compliant

### PVC Supergrip coating



PU75A Twin-V-belt (24x6,8 mm) with PVC Supergrip coating (CO-SG).

### Neoprene coating / unscrambler belt



PU85A Twin-V-belt (30x8 mm) with reinforcement Polyester and neoprene coating (CO-CR). Especially for PET bottle transport / guide.

### Special designs Twin-V-belt



Further versions can be found on page 50.





### Rigide top V-belts for the building material and tile industry

Have a high wear resistance against heavy and abrasive building materials. Available in various Shore hardness grades for variable conveying distances. These BEHAbelt belts are made of 100% PU or TPE and are therefore easy and quick to weld.

## 2C, PU75A / PU80A white/transparent

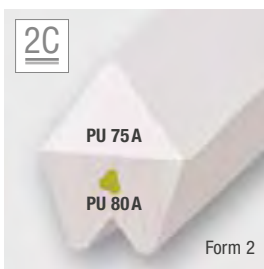


Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSP85A17K2	17 x 19	2,0	24,4	30	100	160	6,4	48,0	105,6
FBSP85A22K2	22 x 25	3,5	42,3	30	100	200	8,0	84,0	184,8

approx. 80/84° Shore A

Recommended pretension: 3...6 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30

## 2C, PU75A / PU80A white/transparent, reinforced Aramid



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBZSP85A17K2	17 x 19	2,0	24,4	30	100	170	6,8	48,0	105,6
FBZSP85A22K2	22 x 25	3,5	42,3	30	100	210	8,4	84,0	184,8

approx. 80/84° Shore A

Recommended pretension: 0,5...2 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU80A transparent



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley $\varnothing$		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBBJ22X25TG0	22 x 25	3,65	43,8	30	100	210	8,4	87,6	192,7

approx. 84° Shore A

Recommended pretension: 3...6 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30

**FDA/EC compliant**

## PU80A transparent, reinforced Polyester



Form 2

approx. 84° Shore A

Order No.	Profile dimension	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm			m	ft	mm	inch	kg	lbs
FBBJ22X25TGA	22 x 25	3,65	43,8	30	100	210	8,4	87,6	192,7

Recommended pretension: 0,5...2 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30

FDA/EC compliant

## PU85A green



Form 1

approx. 88° Shore A

Order No.	Profile dimension	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm			m	ft	mm	inch	kg	lbs
FBSP85A170N	17 x 19	1,95	23,6	30	100	180	7,2	53,8	118,4
FBSP85A220N	22 x 25	3,26	39,1	30	100	220	8,8	90,0	198,0

Recommended pretension: 3...6 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A green



Form 2

approx. 88° Shore A

Order No.	Profile dimension	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm			m	ft	mm	inch	kg	lbs
FBAK17X19GG	17 x 19	2,13	25,6	30	100	190	7,6	59,0	129,8
FBAK22X25GG	22 x 25	3,65	43,8	30	100	240	9,6	100,7	221,6

Recommended pretension: 3...6 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A green, reinforced Polyester



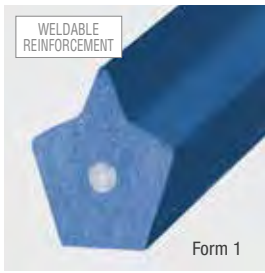
Form 2

approx. 88° Shore A

Order No.	Profile dimension	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
	mm			m	ft	mm	inch	kg	lbs
FBBK17X19GGA	17 x 19	2,13	25,6	30	100	190	7,6	59,0	129,8
FBBK22X25GGA	22 x 25	3,65	43,8	30	100	240	9,6	100,7	221,6

Recommended pretension: 0,5...2 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A blue, reinforced glass fibre PU



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBZSP85A170N	17 x 19	1,95	23,63	30	100	240	9,6	78,0	171,6
FBZSP85A220N	22 x 25	3,26	39,1	30	100	280	11,2	130,4	286,9

approx. 88° Shore A

Recommended pretension: 0,5...2 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A blue, reinforced glass fibre PU

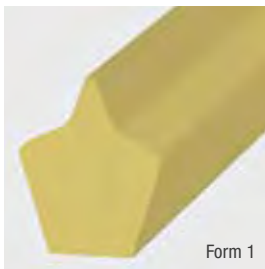


Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBBK17X19LGA	17 x 19	2,13	25,6	30	100	260	10,4	85,2	187,4
FBBK22X25LGA	22 x 25	3,65	43,8	30	100	300	12	146,0	321,2

approx. 88° Shore A

Recommended pretension: 0,5 - 2 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU95A beige

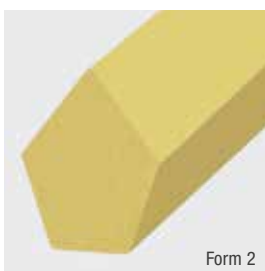


Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBAM17X19BG	17 x 19	1,95	23,6	30	100	200	8	97,5	214,5
FBAM22X25BG	22 x 25	3,26	39,1	30	100	250	10	163,0	358,6

approx. 95° Shore A

Recommended pretension: 3...5 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,45 | PE: approx. 0,25 | HDPE: approx. 0,20

## PU95A beige



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBBM17X19BG	17 x 19	2,13	25,6	30	100	210	8,4	106,5	234,3
FBBM22X25BG	22 x 25	3,65	43,8	30	100	260	10,4	182,5	401,5

approx. 95° Shore A

Recommended pretension: 3...5 %, **Coeff. of friction  $\mu$** : Steel: approx. 0,45 | PE: approx. 0,25 | HDPE: approx. 0,20



## T-Profiles

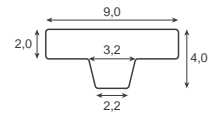
T-profiles are ideal solutions for conveying of light goods and foodstuffs, whereas usually several T-profile belts are running side by side. The integrated V-guide on the running side prevents the profiles from running sideways and thus guarantees precise straight running. The BEHAbelt portfolio includes T-profiles in various geometries, PU-shore hardnesses and colour combinations.

### T-Profile PU70A ultramarine blue smooth (9 x 4 mm)



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTH9X4GL	9 x 4	0,23	2,8	70	230	25	1,0	4,5	9,9

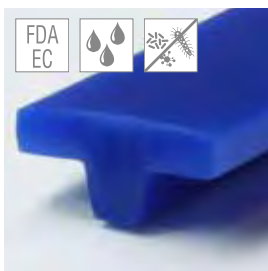


Recommended pretension: 4...8 %

approx. 76° Shore A

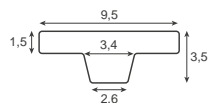
Coeff. of friction  $\mu$ : Steel: approx. 0,75 | PE: approx. 0,50 | HDPE: approx. 0,45 | FDA/EC/USDA compliant

### T-Profile PU65A ultramarine blue smooth (9,5 x 3,5 mm)



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTG95X35LA	9,5 x 3,5	0,20	2,4	70	230	20	0,8	2,9	6,4

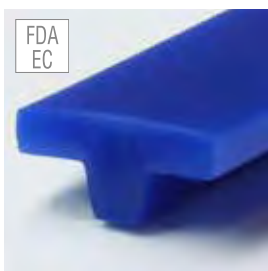


Recommended pretension: 4...8 %

approx. 72° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,75 | PE: approx. 0,50 | HDPE: approx. 0,45 | FDA/EC/USDA compliant

### T-Profile PU80A ultramarine blue smooth (9,5 x 3,5 mm)



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTJ95X35L	9,5 x 3,5	0,20	2,4	30	100	30	1,2	5,2	11,4

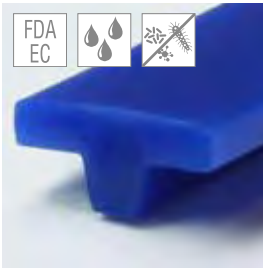


Recommended pretension: 4...8 %

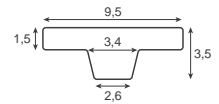
approx. 84° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## T-Profile PU85A ultramarine blue smooth (9,5 x 3,5 mm)



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTK95X35L	9,5 x 3,5	0,20	2,4	30	100	50	2,0	6,0	13,2

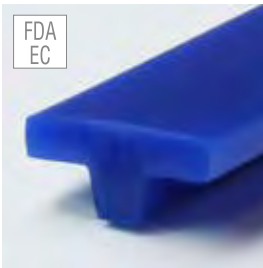


Recommended pretension: 3...6 %

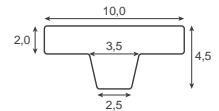
approx. 88° Shore A

**Coeff. of friction  $\mu$ :** Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

## T-Profile PU80A ultramarine blue smooth (10 x 4,5 mm)



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTI2X45X10L	10 x 4,5	0,27	3,3	30	100	40	1,6	8,1	17,8

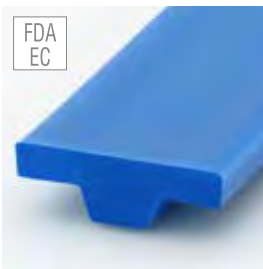


Recommended pretension: 4...8 %

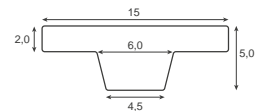
approx. 84° Shore A

**Coeff. of friction  $\mu$ :** Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

## T-Profile PU60A blue smooth (15 x 5 mm)



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTF15X5LG	15 x 5	0,44	5,3	50	164	25	1,0	4,5	9,9

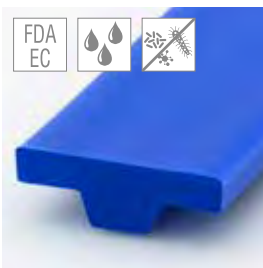


Recommended pretension: 4...8 %

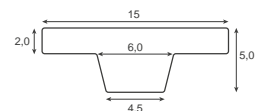
approx. 65° Shore A

**Coeff. of friction  $\mu$ :** Steel: approx. 0,90 | PE: approx. 0,65 | HDPE: approx. 0,60 | **FDA/EC compliant (Limited suitability EC)**

## T-Profile PU65A ultramarine blue smooth (15 x 5 mm)



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTG15X5LG	15 x 5	0,44	5,3	50	164	30	1,2	8,1	17,8

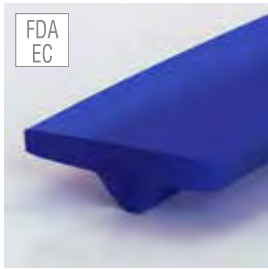


Recommended pretension: 4...8 %

approx. 72° Shore A

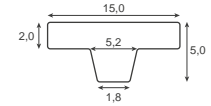
**Coeff. of friction  $\mu$ :** Steel: approx. 0,75 | PE: approx. 0,50 | HDPE: approx. 0,45 | **FDA/EC compliant**

## T-Profile PU80A ultramarine blue smooth (15 x 5 mm)



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTJ15X5L	15 x 5	0,40	4,8	50	164	40	1,6	9,6	21,1

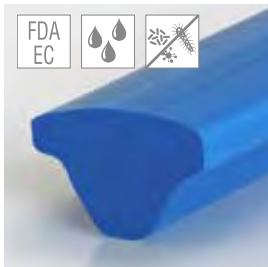


Recommended pretension: 4...8 %

approx. 84° Shore A

**Coeff. of friction  $\mu$ :** Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

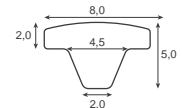
## T-Profile PU75A sky blue smooth (8 x 5 mm)



FDA  
EC



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSP75A8X5HI	8 x 5	0,25	3,1	40	131	30	1,2	6,0	13,2



Recommended pretension: 4...8 %

approx. 80° Shore A

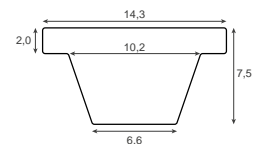
**Coeff. of friction  $\mu$ :** Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35 | **FDA/EC/USDA compliant**

## 3L T-Top PU80A orange smooth (14,3 x 7,5 mm)



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTJ142X750	14,3 x 7,5	0,72	8,7	30	100	80	3,1	17,3	38,1



Recommended pretension: 3...6 %

approx. 84° Shore A

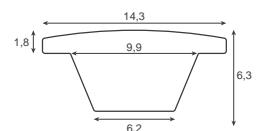
**Coeff. of friction  $\mu$ :** Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

## Crown Top PU80A orange smooth (14,3 x 6,3 mm)



FDA  
EC

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTJ143X630G	14,3 x 6,3	0,58	7,0	30	100	80	3,1	13,9	30,6



Recommended pretension: 3...6 %

approx. 84° Shore A

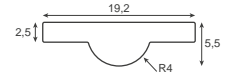
**Coeff. of friction  $\mu$ :** Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

## T-Profile PU80A half-round orange smooth (19,2 x 5,5 mm)



approx. 84° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTJ192X550G	19,2 x 5,5	0,65	7,8	30	100	40	1,6	15,6	34,3



Recommended pretension: 3...6 %

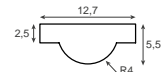
**Coeff. of friction  $\mu$ :** Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

## T-Profile PU80A half-round orange smooth (12,7 x 5,5 mm)



approx. 84° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTJ127X550G	12,7 x 5,5	0,44	5,6	30	100	40	1,6	11,2	24,6



Recommended pretension: 3...6 %

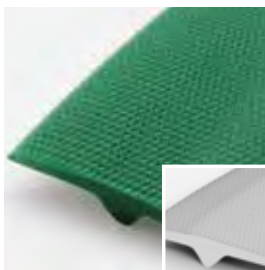
**Coeff. of friction  $\mu$ :** Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**



### T-Profiles for packaging industry

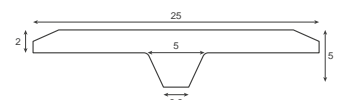
T-profiles are ideal for transporting various light goods and foodstuffs, with several T-profile belts usually running next to each other. The integrated guide wedge on the running side prevents the profiles from running sideways and thus guarantees precise straight running. The BEHAbelt portfolio includes T-profiles in various geometries, PU shore hardnesses and colour combinations.

## T-Profile PU85A (25 x 5 mm) green or white embossed (EFI) / smooth



● ○ also available: smooth

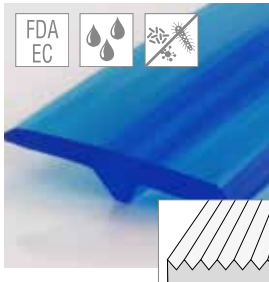
Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTK25X5GW01 (green, embossed)	25 x 5	0,58	7,0	50	164	50	2,0	16,0	35,2
FBSP85A25X5 (green, smooth)	25 x 5	0,58	7,0	50	164	50	2,0	16,0	35,2
FBTK25X5WW01 (white, embossed)	25 x 5	0,58	7,0	50	164	50	2,0	16,0	35,2
FBSP85A25X5A (white, smooth)	25 x 5	0,58	7,0	50	164	50	2,0	16,0	35,2



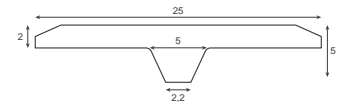
approx. 88° Shore A

Recommended pretension: 3...6 %, **Coeff. of friction  $\mu$ :** Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

## T-Profile PU85A sapphire blue smooth / ribbed (LGD)\* (25 x 5 mm)



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSP85A25X5B	25 x 5	0,59	7,3	50	164	50	2,0	15,2	33,4
FBTK25X5LGA (ribbed)	25 x 5	0,59	7,3	50	164	50	2,0	15,2	33,4



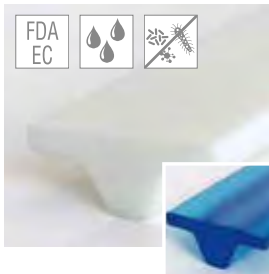
\*Longitudinal grooves (LGD)

Recommended pretension: 3...6 %

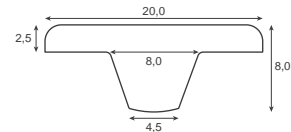
approx. 88° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## T-Profile PU85A white or sapphire blue (20 x 8 mm)



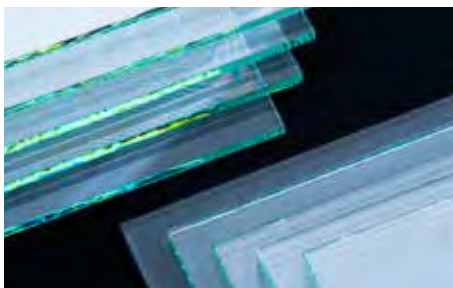
Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSP85A20X8W (white)	20x8	0,83	10,0	30	100	100	4,0	21,4	47,1
FBSP85A20X8 (sapphire blue)	20x8	0,83	10,0	30	100	100	4,0	21,4	47,1



Recommended pretension: 3...6 %

approx. 88° Shore A

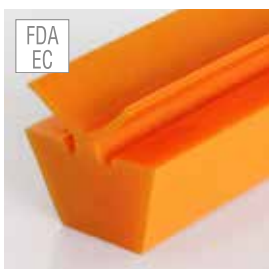
Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant



### Glass industry

The special „Wing Top“ profile is ideal for the gentle transport of flat glass or similar sheet products.

## Wing Top PU80A orange smooth



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSI17X100G	17 x 11 x 16,5	1,56	18,7	30	100	125	4,9	35,1	77,2

Recommended pretension: 3...6 %

approx. 84° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant





### Profiles for French fries / potato strips

Profiles to support the automatic elimination of defects in potato strips (French fries). Made of special hydrolysis resistant PU that ensures longer life and less bacterial growth in wet environment. The dirt-repellent material reduces discoloration and improves the visual appearance of the profiles.  
High-quality PU ensures strong welding seams.

### U-Profile PU85A milky smooth



approx. 88° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				ft		mm	inch	kg	lbs
FBSP85A180S1	18 x 11,8	1,70	20,0	1 x 30'5" / pc.		120	4,7	43,9	96,6
FBSP85A180S6	18 x 11,8	1,70	20,0	6 x 30'5" / pc.		120	4,7	43,9	96,6

Recommended pretension: 3...6 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

### Square Profile PU85A milky smooth



approx. 88° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				ft		mm	inch	kg	lbs
FBSP85A118S1	11,8 x 11,8	1,39	16,7	1 x 30'5" / pc.		120	4,7	35,9	79,0
FBSP85A118S6	11,8 x 11,8	1,39	16,7	6 x 30'5" / pc.		120	4,7	35,9	79,0

Recommended pretension: 3...6 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant



### Profile for Corn and similar goods

Special profile for peeling machines. The central recess in the profile ensures that the conveyed products are precisely positioned and transferred to the next processing step.

### Corn belt PU80A orange smooth without\* / with serrations



approx. 84° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSJ8X330G*	33 x 8	1,9	22,8	30	100	50	2,0	45,6	100,3
FBSJ8X330GA	33 x 8	1,9	22,8	30	100	50	2,0	45,6	100,3

Recommended pretension: 3...6 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant



## Spreading applications

In spreading applications, these profiles allow product strands to be pulled apart, e.g. in the confectionery industry. The dedicated selection of material and Shore hardness can improve the release properties of sticky products.

## PU80A orange 3-ribbed



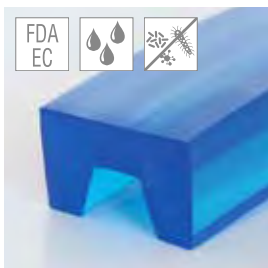
Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSI17B0GR3	17 x 11 (B)	1,46	18,0	30	100	110	4,3	43,8	96,4
FBSI22C0GR3	22 x 14 (C)	2,40	29,0	30	100	150	5,9	72,0	158,4

Recommended pretension: 4...8 %

approx. 84° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU85A (15 x 10 mm) sapphire blue

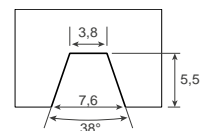


Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSK15X10LG	15 x 10	1,2	14	30	100	100	3,9	41,0	90,2

Recommended pretension 4...8 %

approx. 88° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30



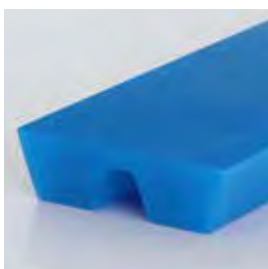
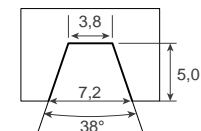
## PU95A (12 x 8 mm) beige



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSM12X8BG	12 x 8	0,67	7,9	50	164	120	4,7	32,7	71,9

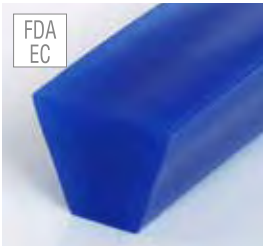
Recommended pretension 3...5 %, Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,25 | HDPE: approx. 0,20

approx. 95° Shore A



Please also note other Twin V-belts on page 37.

## PU80A V-belt ultramarine blue (10 x 8 mm)



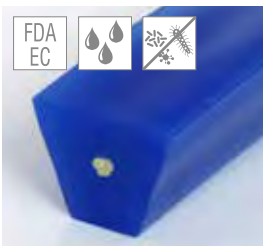
approx. 84° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKJ10X8BGA	10 x 8	0,58	6,9	100	328	80	3,1	18,6	40,9

Recommended pretension: 3...6 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

## PU85A V-belt ultramarine blue (10 x 8 mm), reinforced Aramid



approx. 88° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBKK10X8LGA	10 x 8	0,58	6,9	50	164	85	3,3	19,9	43,8

Recommended pretension: 0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant



### Sorting of fruit and vegetables

This is just one example for the use of special profiles from the BEHAbelt product portfolio. Thanks to many years of experience and our own tool shop we can realize customer and application specific profiles within very short time.

## PU80A Pear Profile (28 x 29 mm) white reinforced Polyester



approx. 84° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSJ28X29WG	28 x 29	5,1	61	30	100	350	13,8	163,6	360

Recommended pretension: 0,5...2 %

Coeff. of friction  $\mu$ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

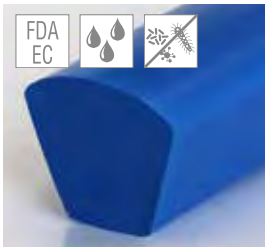


## Slicer

For slicer applications and the downstream feeding lines BEHAbelt has different product options in its product range. Depending on the conveyed goods, extruded round belts, V-belts or T-profiles with special material properties and surface structures can be used.

V-belts with a curved surface are proven to be particularly suitable for Transport of sliced cheese proven.

## PU75A ultramarine blue smooth with vaulted top



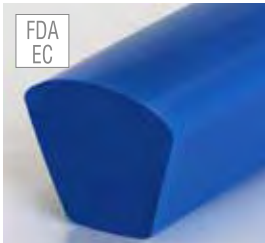
approx. 80° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSP75A0865U	8 x 6,5 (M)	0,39	4,6	50	164	40	1,6	10,0	22,0

Recommended pretension: 4...8 %

**Coeff. of friction  $\mu$ :** Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35 | **FDA/EC/USDA compliant**

## PU80A ultramarine blue smooth with vaulted top



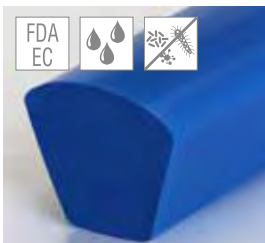
approx. 84° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSP80A0865U	8 x 6,5 (M)	0,39	4,6	50	164	50	2,0	11,0	24,2

Recommended pretension: 4...8 %

**Coeff. of friction  $\mu$ :** Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

## PU85A ultramarine blue smooth with vaulted top

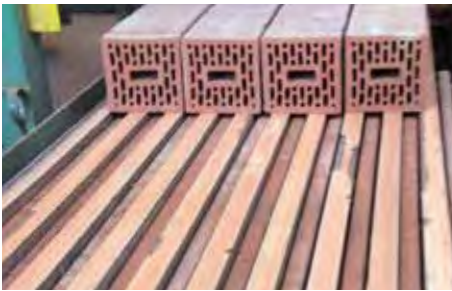


approx. 88° Shore A

Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100 m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSP85A0865U	8 x 6,5 (M)	0,39	4,6	50	164	55	2,2	13,2	29,0

Recommended pretension: 4...8 %

**Coeff. of friction  $\mu$ :** Steel: approx. 0,60 | PE: approx. 0,30 | HDPE: approx. 0,25 | **FDA/EC/USDA compliant**



## Building materials

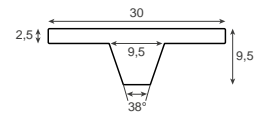
For the transport of heavy and abrasive building materials our V-belts guarantee longevity and high wear resistance. In addition to the good temperature resistance, these belts, like all BEHAbelt products, can be quickly and easily welded and are available with or without tension members.

In addition we offer many coatings (see page 36) for different applications.

## T-Profile PU95A beige smooth (30 x 9,5 mm)



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTM30X95B	30 x 9,5	1,23	14,8	30	100	110	4,3	45,6	100,3



Recommended pretension: 3...5 %

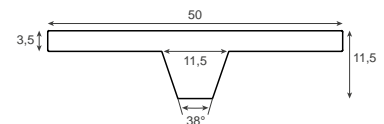
approx. 95° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,25 | HDPE: approx. 0,20 | FDA/EC compliant

## T-Profile PU95A beige smooth (50 x 11,5 mm)



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. Weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBTM50X11B	50 x 11,5	2,43	29,2	30	100	130	5,1	90,1	198,2



Recommended pretension: 3...5 %

approx. 95° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,25 | HDPE: approx. 0,20 | FDA/EC/USDA compliant

## TPE55D V-belt additional height (22 x 16 mm) beige



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSR22X16BG	22 x 16	3,12	37	50	164	280	11,0	299,5	659,9

Recommended pretension: 2...4 %

55° Shore D • approx. 100° Shore A

Coeff. of friction  $\mu$ : Steel: approx. 0,35 | PE: approx. 0,20 | HDPE: approx. 0,15 | FDA/EC/USDA compliant



## Intralogistics – Roller conveyors

These special profiles have optimised material properties for reliable use in roller conveyors, whether as tangential drive, roller-to-roller drive or crossed drive. Please also look at our round belt range page 12 and following.

## PU75A plus Poly V-belt, orange

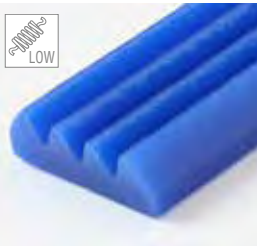


approx. 80° Shore A

Order No.	Description	Profile dimension	Cross section	approx. weight	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
		mm	cm <sup>2</sup>	kg/100 m	m	ft	mm	inch	kg	lbs
FBPVIPJ20	PJ2	4,8 x 4	0,16	1,96	200	656	30	1,2	7,2	15,8
FBPVIPJ30	PJ3	7 x 4	0,24	2,93	200	656	30	1,2	10,5	23,1
FBPVIPJ40	PJ4	9,3 x 4	0,32	3,92	200	656	30	1,2	14,4	31,7

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

## PU85A plus Poly V-belt, ultramarine blue

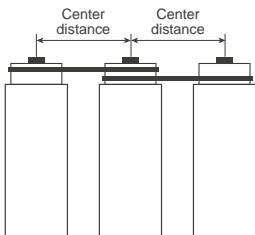


approx. 88° Shore A

Order No.	Description	Profile dimension	Cross section	approx. weight	Standard roll		Recommended Min. pulley Ø		Fmax/belt (Standard)	
		mm	cm <sup>2</sup>	kg/100 m	m	ft	mm	inch	kg	lbs
FBPVKJPJ2L	PJ2	4,8 x 4	0,16	1,96	200	656	40	1,6	10,3	22,7
FBPVKJPJ3L	PJ3	7 x 4	0,24	2,93	200	656	40	1,6	15,0	33,1
FBPVKJPJ4L	PJ4	9,3 x 4	0,32	3,92	200	656	40	1,2	20,6	45,4

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

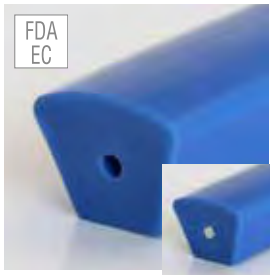
## PU to rubber Poly V-belt conversion



Centre distance for pulley Ø 43 mm	Production length BEHAbelt*	PJ2	PJ3	PJ4
		nominal length specification		
53 - 56	234	Ref. 2PJ246-43	Ref. 3PJ246-43	Ref. 4PJ246-43
60 - 63	243	Ref. 2PJ256-43	Ref. 3PJ256-43	Ref. 4PJ256-43
64 - 65	252	Ref. 2PJ265-43	Ref. 3PJ265-43	Ref. 4PJ265-43
66 - 67	257	Ref. 2PJ270-43	Ref. 3PJ270-43	Ref. 4PJ270-43
71 - 72	268	Ref. 2PJ282-43	Ref. 3PJ282-43	Ref. 4PJ282-43
73 - 75	272	Ref. 2PJ286-43	Ref. 3PJ286-43	Ref. 4PJ286-43
76 - 77	276	Ref. 2PJ290-43	Ref. 3PJ290-43	Ref. 4PJ290-43
78 - 79	274	Ref. 2PJ288-43	Ref. 3PJ288-43	Ref. 4PJ288-43
80 - 84	287	Ref. 2PJ302-43	Ref. 3PJ302-43	Ref. 4PJ302-43
87 - 91	298	Ref. 2PJ314-43	Ref. 3PJ314-43	Ref. 4PJ314-43
92 - 95	300	Ref. 2PJ316-43	Ref. 3PJ316-43	Ref. 4PJ316-43
97 - 101	319	Ref. 2PJ336-43	Ref. 3PJ336-43	Ref. 4PJ336-43
103 - 107	329	Ref. 2PJ346-43	Ref. 3PJ346-43	Ref. 4PJ346-43
115 - 118	353	Ref. 2PJ372-43	Ref. 3PJ372-43	Ref. 4PJ372-43
119 - 121	357	Ref. 2PJ376-43	Ref. 3PJ376-43	Ref. 4PJ376-43
123 - 128	369	Ref. 2PJ388-43	Ref. 3PJ388-43	Ref. 4PJ388-43

\* general pretension of 5% to the nominal length specification

## TPE55D *bluepower* smooth, with/without reinforced Polyester



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)		Fmax/belt (Overlap)	
				m	ft	mm	inch	kg	lbs	kg	lbs
FBKBLP17113W	16,35 x 11,3	1,49	18,0	50	164	175	7,0	119,2	262,2	n/a	n/a
FBKBLP1711W2	16,35 x 11,3	1,49	18,0	100	328	175	7,0	119,2	262,2	n/a	n/a
FBKBLP1711W3	16,35 x 11,3	1,49	18,0	100	328	180	7,1	119,2	262,2	150,0	330,0

Recommended pretension: 2...4 % (without reinforcement), 0,5...2% (with reinforcement)

55° Shore D · approx. 100° Shore A

**Coeff. of friction μ:** Steel: approx. 0,35 | PE: approx. 0,20 | HDPE: approx. 0,15 | **FDA/EC/USDA compliant**

## TPE55D beige smooth with chamfer, with/without reinforced Polyester



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley ∅		Fmax/belt (Standard)		Fmax/belt (Overlap)	
				m	ft	mm	inch	kg	lbs	kg	lbs
FBKH55D17115	17 x 11,4	1,45	18,0	100	328	175	7,0	116,0	255,2	n/a	n/a
FBKS17115BGA	17 x 11,4	1,45	18,0	100	328	180	7,1	116,0	255,2	150,0	330,0

Recommended pretension: 2...4 % (without reinforcement), 0,5...2 % (with reinforcement)

55° Shore D · approx. 100° Shore A

**Coeff. of friction μ:** Steel: approx. 0,35 | PE: approx. 0,20 | HDPE: approx. 0,15 | **FDA/EC/USDA compliant**

## PU80A Double V-belt black (17 x 13,5 mm)



Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley ∅		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSJ17X13SG	17 x 13,5	1,92	2,3	50	164	150	5,9	61,6	135,5

approx. 84° Shore A

Recommended pretension: 3...6 %, **Coeff. of friction μ:** Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30

## PU85A Double V-belt black (17 x 13,5 mm)

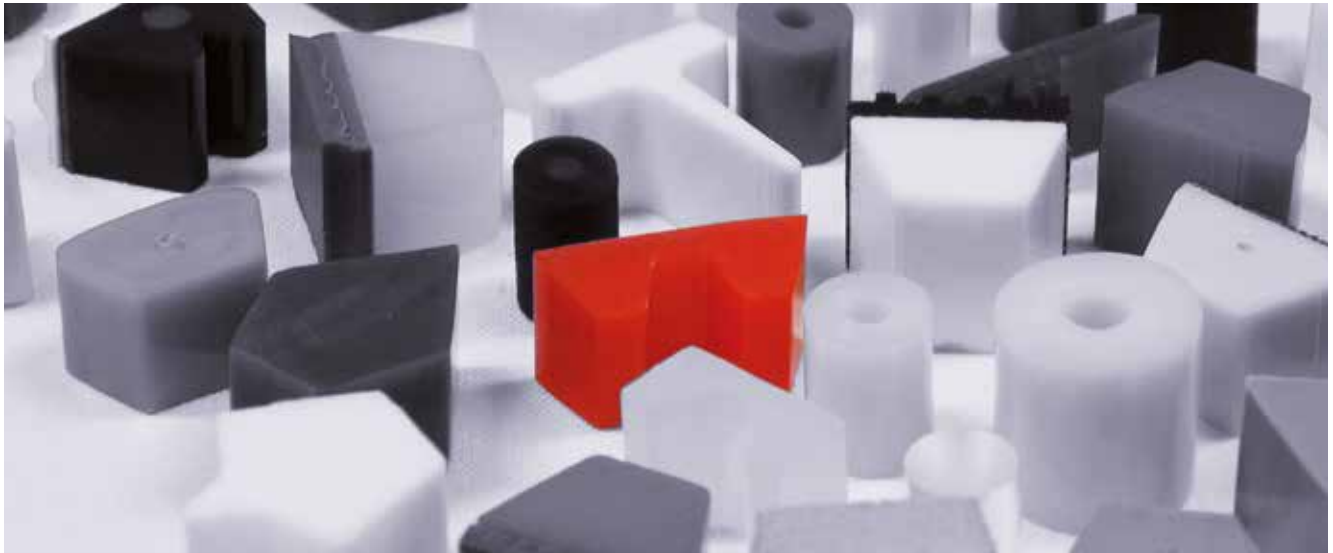


Order No.	Profile dimension mm	Cross section cm <sup>2</sup>	approx. weight kg/100m	Standard roll		Recommended Min. pulley ∅		Fmax/belt (Standard)	
				m	ft	mm	inch	kg	lbs
FBSK17X13SG	17 x 13,5	1,92	2,3	50	164	160	6,3	69,7	153,3

approx. 88° Shore A

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

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