Table structure key

General explanation of the product tables

③

④ approx. 88° Shore A

⑤ Recommended pretension 1...2 %

PU 85 A green rough, reinforcment aramid ②

① Order No.	⑦ Diameter ∅		⑧ Cross section	⑨ approx. weight	⑩ Standard Roll		⑪ Recommended Min. pulley ∅		⑫ Fmax/belt (Standard)*		⑬ Fmax/belt (overlap)	
	mm	inch	cm^2	kg/100 m	m	ft	mm	inch	kg	lbs	kg	lbs
FBZR85A060RA	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

⑥ **Coefficient of friction µ:** Steel: approx. 0,45 | PE: approx. 0,30 | HDPE: approx. 0,35 * = coefficient of friction µ:0,5

Key

① BEHAbelt article/order number (availability, lead time and minimum order quantity upon request)

② BEHAbelt Material Type Quality

③ Colour (caution, original colour may deviate from the graphic)

④ Specified Shore hardness (Attention! BEHAbelt Material Type Quality doesn't match the Shore hardness of the belt)

⑤ Recommended pretension to tighten the belt in the system (in %)

⑥ Coefficient of friction µ on steel, PE and HDPE surfaces (Also see coefficient of friction values page 106)

⑦ Profile geometry in mm

⑧ Material cross-section of the profile (For further details on the calculation, see page 106)

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)
Smaller pulley diameters reduce lifetime of the belt

⑫ Approx. max. load of the belt at a coefficient of friction µ:0.5 (standard case) for butt welding (in kg/belt)

⑬ Approx. max. load of the belt at a coefficient of friction µ:0.5 (standard case) for overlap welding (in kg/belt)
(hot-press method HP01, overlap length of 60 mm)

Symbols

antistatic
Anti-static dissipative profile with outstanding mechanical properties

-30°C
Profile with exceptional low-temperature flexibility down to -30°C.

PATENT LOW ELONGATION
Patented blend of materials "PLUS" in order to optimise elongation for quality PU75A and PU85A for critical applications.

UV resistant
Very good UV resistance.
Available in black and silver.

Food FDA / EC compliant **FDA / EC / USDA Food compliant**
FDA/EC conformity for hydrolysis-resistant conveying profiles with rough and finely textured surfaces.
EC/FDA/USDA conformity for smooth profiles.

SAFE Metal detectable
Metal-detectable profiles for a high degree of food safety.

https://dhi.com.vn

approx. 65° Shore A

Recommended pretension 5...10 %

PU*soft* blue smooth

Food FDA / EC compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm²	kg/100 m	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	40	1,6	3,4	7,5

Coefficient of friction μ: Steel: approx. 0,90 | PE: approx. 0,55 | HDPE: approx. 0,50 | **FDA/EC compliant**

* = coefficient of friction μ:0,5

approx. 76° Shore A

Recommended pretension 4...8 %

PU 70 A ultramarine blue smooth

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm²	kg/100 m	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

Coefficient of friction μ: Steel: approx. 0,75 | PE: approx. 0,40 | HDPE: approx. 0,35 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5

approx. 76° Shore A

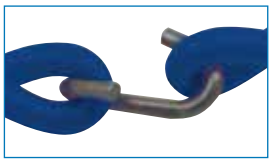
Recommended pretension 8...10 %

Twisted round belts PU 70 A sky blue smooth

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	mm	inch	kg	lbs
FBXH3X250LG... FBXH3X710LG	5,0	1/5	40	1,6	2,6	5,8

Available standard lengths of 250...710 mm



Coefficient of friction μ: Steel: approx. 0,75 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5

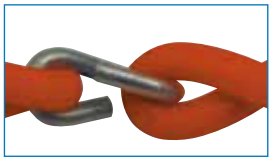
approx. 80° Shore A

Recommended pretension 6...8 %

Twisted round belts PU 75 A PLUS orange smooth (matt)

Order No.	Diameter ∅		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	mm	inch	kg	lbs
FBXI3X250OG... FBXI3X450OG	5,0	1/5	40	1,6	5,9	13,0

Available standard lengths of 250...710 mm



Coefficient of friction μ: Steel: approx. 0,70

* = coefficient of friction μ:0,5

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

Construction: 2 x ∅ 3 mm (∅ 5 mm)

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-30°C

approx. 80° Shore A

Recommended pretension
4...8 %

Coefficient of friction μ

Steel	approx. 0,70
PE	approx. 0,40
HDPE	approx. 0,35

FDA/EC/USDA compliant

PU 75 A sky blue smooth

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	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

* = coefficient of friction μ:0,5

approx. 80° Shore A

Recommended pretension
4...8 %

Coefficient of friction μ

Steel	approx. 0,70
PE	approx. 0,40
HDPE	approx. 0,35

PU 75 A red smooth

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	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

* = coefficient of friction μ:0,5

Brown on request

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PATENT
LOW ELONGATION

PU 75 A PLUS orange matt finish

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	m	ft	mm	inch	kg	lbs
FBRI020OG	2,0	5/64	0,032	0,5	200	656	10	0,4	0,9	2,0
FBRI030OG	3,0	1/8	0,071	0,9	200	656	20	0,8	1,8	4,0
FBRI040OG	4,0	5/32	0,126	1,6	200	656	30	1,2	3,6	7,9
FBRI048OG	4,8	3/16	0,181	2,2	200	656	35	1,4	5,2	11,4
FBRI050OG	5,0	1/5	0,197	2,4	100	328	40	1,6	5,7	12,5
FBRI060OG	6,0	7/32	0,283	3,4	100	328	50	2,0	8,1	17,8
FBRI063OG	6,3	1/4	0,310	3,8	100	328	55	2,2	8,9	19,6
FBRI070OG	7,0	9/32	0,385	4,7	100	328	60	2,4	11,1	24,4
FBRI080OG	8,0	5/16	0,500	6,0	100	328	65	2,6	14,4	31,7
FBRI095OG	9,5	3/8	0,710	8,5	100	328	75	3,0	20,4	44,9
FBRI100OG	10,0	7/16	0,785	9,4	50	164	80	3,2	22,6	49,7

* = coefficient of friction μ:0,5

approx. 80° Shore A

Recommended pretension 3...6 %

Coefficient of friction μ

Steel	approx. 0,70
PE	approx. 0,40
HDPE	approx. 0,35

PU 75 A sky blue smooth hollow round belt

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	Outside	Inside	cm^2	kg/100 m	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

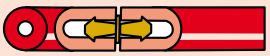
Coefficient of friction μ: Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5

approx. 80° Shore A

Recommended pretension:
welded 4...8 %
Fitting connector max. 3...6 %

PU 75 A red smooth hollow round belt



Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	Outside	Inside	cm^2	kg/100 m	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

Coefficient of friction μ: Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

* = coefficient of friction μ:0,5

approx. 80° Shore A

Recommended pretension:
welded 4...8 %
Fitting connector max. 3...6 %

For suitable fitting connectors and information how to use them please refer to page 59.

https://dhi.com.vn

PU 80 A ultramarine blue smooth

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	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	0500	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

* = coefficient of friction μ:0,5

approx. 84° Shore A

Recommended pretension 4...8 %

Coefficient of friction μ

Steel	approx. 0,65
PE	approx. 0,35
HDPE	approx. 0,30

FDA/EC/USDA compliant

PU 80 A ultramarine blue lightly rough

Food FDA / EC compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	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

* = coefficient of friction μ:0,5

approx. 84° Shore A

Recommended pretension 4...8 %

Coefficient of friction μ

Steel	approx. 0,55
PE	approx. 0,30
HDPE	approx. 0,25

FDA/EC compliant

https://dhi.com.vn

SAFE
Metal detectable

PU 80 A SAFE capri blue smooth

FDA/ EC/USDA Food compliant

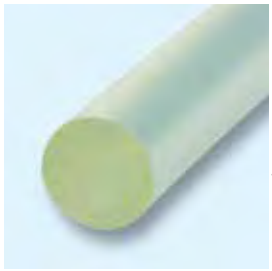
Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	m	ft	mm	inch	kg	lbs
FBRJ020LGM	2,0	5/64	0,032	0,5	200	656	15	0,6	0,6	1,3
FBRJ030LGM	3,0	1/8	0,071	0,9	200	656	25	1,0	1,6	3,5
FBRJ032LGM	3,2	1/8	0,071	0,9	30,48	100	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	30,48	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	30,48	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	30,48	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	30,48	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	30,48	100	115	4,5	29,4	64,7
FBRJ143LGM	14,3	9/16	1,605	21,0	30,48	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

* = coefficient of friction μ:0,5

approx. 84° Shore A

Recommended pretension 3...6 %

Coefficient of friction μ	
Steel	approx. 0,65
PE	approx. 0,35
HDPE	approx. 0,30
FDA/EC/USDA compliant	



PU 80 A transparent smooth

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	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

* = coefficient of friction μ:0,5

approx. 84° Shore A

Recommended pretension 4...8 %

Coefficient of friction μ	
Steel	approx. 0,65
PE	approx. 0,35
HDPE	approx. 0,30
FDA/EC/USDA compliant	

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PU 80 A orange smooth

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm²	kg/100 m	ft	(m)	mm	inch	kg	lbs
FBRP84A020	2,0	5/64	0,032	0,5	100	30,48	15	0,6	1,1	2,4
FBRP84A032	3,2	1/8	0,071	0,9	100	30,48	25	1,0	2,1	4,7
FBRP84A032A	3,2	1/8	0,071	0,9	500	152,4	25	1,0	2,2	4,9
FBRP84A040	4,0	5/32	0,126	1,6	100	30,48	30	1,2	4,1	8,9
FBRP84A048	4,8	3/16	0,181	2,2	100	30,48	40	1,6	5,8	12,7
FBRP84A048A	4,8	3/16	0,181	2,2	500	152,4	40	1,6	5,8	12,7
FBRP84A050	5,0	1/5	0,197	2,4	100	30,48	45	1,8	6,2	13,7
FBRP84A060	6,0	7/32	0,283	3,4	100	30,48	55	2,2	9,0	19,8
FBRP84A063	6,3	1/4	0,310	3,8	100	30,48	60	2,4	10,1	22,1
FBRP84A063A	6,3	1/4	0,310	3,8	500	152,4	60	2,4	10,1	22,1
FBRP84A070	7,0	9/32	0,385	4,7	100	30,48	65	2,6	12,4	27,3
FBRP84A079	7,9	5/16	0,500	6,0	100	30,48	75	3,0	16,1	35,3
FBRP84A079A	7,9	5/16	0,500	6,0	500	152,4	75	3,0	16,1	35,3
FBRP84A095	9,5	3/8	0,710	8,5	100	30,48	90	3,5	22,7	49,9
FBRP84A095	9,5	3/8	0,710	8,5	500	152,4	90	3,5	22,7	49,9
FBRP84A100	10,0	7/16	0,785	9,4	100	30,48	95	3,7	25,3	55,6
FBRP84A120	12,0	15/32	1,130	13,5	100	30,48	110	4,3	36,4	80,0
FBRP84A127	12,7	1/2	1,230	14,8	100	30,48	115	4,5	39,4	86,6
FBRP84A143	14,3	9/16	1,605	21,0	100	30,48	130	5,1	49,4	108,8
FBRP84A159	15,9	6/8	1,985	22,5	100	30,48	150	5,9	64,2	141,2
FBRP84A190	19,0	3/4	2,83	31,0	100	30,48	170	6,7	91,0	200,1

* = coefficient of friction μ:0,5

approx. 84° Shore A

Recommended pretension 4...8 %

Coefficient of friction μ	
Steel	approx. 0,65
PE	approx. 0,35
HDPE	approx. 0,30
FDA/EC/USDA compliant	

PU 80 A orange smooth, reinforced polyester

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	inch	cm²	kg/100 m	ft	(m)	mm	inch	kg	lbs	kg	lbs
FBRJ060OGA	6,0	7/32	0,283	3,4	100	30,48	55	2,2	9,0	19,8	18,9	41,6
FBRJ063OGA	6,3	1/4	0,310	3,8	100	30,48	60	2,4	10,1	22,1	21,2	46,5
FBRJ070OGA	7,0	9/32	0,385	4,7	100	30,48	65	2,6	12,4	27,3	25,4	55,9
FBRJ080OGA	8,0	5/16	0,500	6,0	100	30,48	80	3,2	16,1	35,3	33,8	74,3
FBRJ095OGA	9,5	3/8	0,710	8,5	100	30,48	90	3,6	22,7	49,9	47,7	104,9
FBRJ100OGA	10,0	7/16	0,785	9,4	100	30,48	100	4	25,3	55,6	53,1	116,8
FBRJ120OGA	12,0	15/32	1,130	13,5	100	30,48	110	4,4	36,4	80,0	76,5	168,3
FBRJ125OGA	12,5	1/2	1,230	14,8	100	30,48	115	4,6	39,4	86,6	82,8	182,2
FBRJ143OGA	14,3	9/16	1,605	21,0	100	30,48	130	5,2	49,4	108,8	104,0	228,7
FBRJ190OGA	19,0	3/4	2,83	31,0	100	30,48	170	6,8	91,0	200,1	191,3	420,8
FBRJ200OGA	20,0	25/32	3,14	40,0	100	30,48	190	7,6	100,6	221,3	211,5	465,3

* = coefficient of friction μ:0,5

approx. 84° Shore A

Recommended pretension 0,5...2 %

Coefficient of friction μ	
Steel	approx. 0,65
PE	approx. 0,35
HDPE	approx. 0,30
FDA/EC/USDA compliant	

https://dhi.com.vn

PU 85 A sapphire blue smooth

FDA/ EC/USDA Lebensmittel konform

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	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

* = coefficient of friction µ:0,5

approx. 88° Shore A

Recommended pretension 4...8 %

Coefficient of friction µ

Steel	approx. 0,60
PE	approx. 0,35
HDPE	approx. 0,30

FDA/EC/USDA compliant

PU 85 A green smooth

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	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	220	8,8	115,3	253,6

* = coefficient of friction µ:0,5

approx. 88° Shore A

Recommended pretension 4...8 %

Coefficient of friction µ

Steel	approx. 0,60
PE	approx. 0,35
HDPE	approx. 0,30

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PU 85 A green rough

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm²	kg/100 m	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	220	8,8	115,3	253,6

* = coefficient of friction μ:0,5

approx. 88° Shore A

Recommended pretension 4...8 %

Coefficient of friction μ

Steel	approx. 0,45
PE	approx. 0,30
HDPE	approx. 0,25

antistatic

PU 85 A emerald green smooth, antistatic dissipative

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm²	kg/100 m	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

* = coefficient of friction μ:0,5

approx. 88° Shore A

Recommended pretension 4...8 %

Conductivity approx. 10^9 Ω pro cm

ESD-suitable

Coefficient of friction μ

Steel	approx. 0,60
PE	approx. 0,35
HDPE	approx. 0,30

Belts for electrostatic discharge. Conductive version on request

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PATENT
LOW ELONGATION

PU 85 A PLUS blue rough

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	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

* = coefficient of friction μ:0,5

approx. 88° Shore A

Recommended pretension 3...6 %

Coefficient of friction μ

Steel	approx. 0,45
PE	approx. 0,30
HDPE	approx. 0,25

PU 85 A yellow smooth/green rough hollow round belt

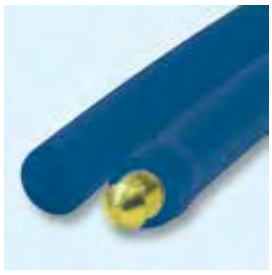
Order No.	YELLOW	GREEN	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
			Outside	Inside	cm^2	kg/100 m	m	ft	mm	inch	kg	lbs
FBHP85A048	GE	R	4,8	1,8	0,147	1,8	200	656	35	1,4	5,3	11,7
FBHP85A063	GE	R	6,3	2,5	0,261	3,2	100	328	55	2,2	9,4	20,6
FBHP85A080	GE	R	8,0	3,2	0,420	5,1	100	328	65	2,6	15,3	33,7
FBHP85A095	GE	R	9,5	3,8	0,600	7,2	100	328	75	3,0	20,4	44,9
FBHP85A125	GE	R	12,5	5,2	1,020	12,4	50	164	100	3,9	36,7	80,8
FBHP85A150	GE	R	15,0	5,2	1,560	19,0	50	164	120	4,7	57,1	125,7

Coefficient of friction μ: Steel: approx. 0,45 (rough), approx. 0,60 (smooth) | PE: approx. 0,35 | HDPE: approx. 0,30

* = coefficient of friction μ:0,5

approx. 88° Shore A

Recommended pretension:
welded 4...8 %
Fitting connector max. 3...6 %



FDA/EC/USDA Food compliant

PU 85 A sapphire blue smooth hollow round belt

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	Außen	inch	cm^2	kg/100 m	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

* = coefficient of friction μ:0,5

Coefficient of friction μ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

approx. 88° Shore A

Recommended pretension:
welded 4...8 %
Fitting connector max. 3...6 %

For suitable fitting connectors and info how to use them please refer to page 59.

https://dhf.com.vn

PU 85 A sapphire blue smooth, reinforced polyester

FDA/ EC/USDA Lebensmittel konform

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	inch	cm²	kg/100 m	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

approx. 88° Shore A

Recommended pretension 0,5...2 %

Coefficient of friction μ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5

PATENT WELDABLE reinforcement

PU 85 A ultramarine blue smooth, reinforced glass fiber PU

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm²	kg/100 m	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

approx. 88° Shore A

Recommended pretension 0,5...2 %

Coefficient of friction μ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

* = coefficient of friction μ:0,5

PATENT WELDABLE reinforcement

PU 85 A ultramarine blue rough, reinforced glass fiber PU

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm²	kg/100 m	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 %

Coefficient of friction μ: Steel: approx. 0,45 | PE: approx. 0,35 | HDPE: approx. 0,30

* = coefficient of friction μ:0,5

https://dhi.com.vn

PU 85 A green rough, reinforced aramid

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	inch	cm²	kg/100 m	m	ft	mm	inch	kg	lbs	kg	lbs
FBZR85A050RA	5,0	1/5	0,197	2,4	100	328	55	2,2	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

* = coefficient of friction µ:0,5

approx. 88° Shore A

Recommended pretension
0,5...2 %

Coefficient of friction µ

Steel	approx. 0,45
PE	approx. 0,30
HDPE	approx. 0,25

FBZR85A095SA

FBZR85A095HA

more information
on page 49

PU 85 A green smooth, reinforced aramid

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	inch	cm²	kg/100 m	m	ft	mm	inch	kg	lbs	kg	lbs
FBZRP85A050A	5,0	1/5	0,197	2,4	100	328	55	2,2	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

Coefficient of friction µ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

* = coefficient of friction µ:0,5

approx. 88° Shore A

Recommended pretension
0,5...2 %

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PU 90 A white smooth

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm²	kg/100 m	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	65	2,6	13,3	29,2
FBRP90A063	6,3	1/4	0,310	3,8	100	328	70	2,8	14,6	32,2
FBRP90A070	7,0	9/32	0,385	4,7	100	328	75	3	18,3	40,2
FBRP90A080	8,0	5/16	0,500	6,0	100	328	85	3,4	23,8	52,3
FBRP90A095	9,5	3/8	0,710	8,5	100	328	95	3,8	33,3	73,2
FBRP90A100	10,0	7/16	0,785	9,4	50	164	105	4,2	37,3	82,0
FBRP90A120	12,0	15/32	1,130	13,5	50	164	120	4,8	53,3	117,2
FBRP90A125	12,5	1/2	1,23	14,8	50	164	125	5	58,0	127,6
FBRP90A15	15,0	19/32	1,770	21,5	50	164	150	6	83,6	184,0
FBRP90A18	18,0	3/4	2,54	31,0	50	164	185	7,4	119,8	263,5
FBRP90A20	20,0	25/32	3,14	40,0	50	164	200	8	148,3	326,2

* = coefficient of friction µ:0,5

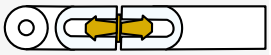
Red on request

approx. 92° Shore A

Recommended pretension 3...5 %

Coefficient of friction µ	
Steel	approx. 0,50
PE	approx. 0,30
HDPE	approx. 0,25

PU 90 A white smooth hollow round belt



Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	Outside	Inside	cm²	kg/100 m	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

* = coefficient of friction µ:0,5

Coefficient of friction µ: Steel: approx. 0,50 | PE: approx. 0,30 | HDPE: approx. 0,25

approx. 92° Shore A

Recommended pretension:
welded 3...5 %
Fitting connector max. 2...4 %

For suitable fitting connectors and info how to use them please refer to page 59

https://dhi.com.vn

PU 90 A white smooth, reinforced polyester

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	inch	cm^2	kg/100 m	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	80	3,2	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	125	5	53,8	118,3	101,3	222,8
FBZRP90A125P	12,5	1/2	1,230	14,8	50	164	130	5,2	58,6	128,8	108,8	239,3
FBZRP90A150P	15,0	19/32	1,770	21,5	50	164	155	6,2	84,5	185,9	172,5	379,5
FBZRP90A180P	18,0	3/4	2,54	31,0	50	164	190	7,6	121,0	266,1	225,0	495,0
FBZRP90A200P	20,0	25/32	3,14	40,0	50	164	210	8,4	-	-	-	-

* = coefficient of friction µ:0,5

approx. 92° Shore A

Recommended pretension 0,5...2 %

Coefficient of friction µ	
Steel	approx. 0,50
PE	approx. 0,30
HDPE	approx. 0,25

Polyester TPE 40 D beige smooth

FDA/EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	m	ft	mm	inch	kg	lbs
FBRKO40D020	2,0	5/64	0,032	0,5	200	656	20	0,8	1,9	4,2
FBRKO40D030	3,0	1/8	0,071	0,9	200	656	30	1,2	4,1	9,1
FBRKO40D040	4,0	5/32	0,126	1,6	200	656	40	1,6	7,6	16,6
FBRKO40D048	4,8	3/16	0,181	2,2	200	656	50	2	10,8	23,8
FBRKO40D050	5,0	1/5	0,197	2,4	100	328	55	2,2	11,7	25,7
FBRKO40D060	6,0	7/32	0,283	3,4	100	328	65	2,6	17,0	37,5
FBRKO40D063	6,3	1/4	0,310	3,8	100	328	70	2,8	18,7	41,2
FBRKO40D070	7,0	9/32	0,385	4,7	100	328	75	3	23,0	50,7
FBRKO40D080	8,0	5/16	0,500	6,0	100	328	85	3,4	30,1	66,2
FBRKO40D095	9,5	3/8	0,710	8,5	100	328	95	3,8	42,8	94,2
FBRKO40D100	10,0	7/16	0,785	9,4	50	164	105	4,2	47,1	103,7
FBRKO40D120	12,0	15/32	1,130	13,5	50	164	120	4,8	67,9	149,5
FBRKO40D125	12,5	1/2	1,230	14,8	50	164	125	5	74,0	162,7
FBRKO40D150	15,0	19/32	1,770	21,5	50	164	150	6	106,5	234,2
FBRKO40D180	18,0	3/4	2,54	31,0	50	164	185	7,4	151,4	333,0
FBRKO40D200	20,0	25/32	3,14	40,0	50	164	200	8	188,2	414,0

* = coefficient of friction µ:0,5

approx. 40° Shore D / 95° Shore A

Recommended pretension 2...4 %

Coefficient of friction µ	
Steel	approx. 0,50
PE	approx. 0,30
HDPE	approx. 0,25
FDA/EC/USDA compliant	

Polyester TPE 40D beige smooth reinforced on request

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Polyester TPE 55 D beige smooth

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	inch	cm^2	kg/100 m	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	35	1,4	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	75	3	22,4	49,3
FBRH55D063B	6,3	1/4	0,310	3,8	100	328	80	3,2	24,8	54,6
FBRH55D070B	7,0	9/32	0,385	4,7	100	328	90	3,6	30,4	66,9
FBRH55D080B	8,0	5/16	0,500	6,0	100	328	100	4	40,0	88,0
FBRH55D095B	9,5	3/8	0,710	8,5	100	328	120	4,8	56,0	123,2
FBRH55D100B	10,0	7/16	0,785	9,4	50	164	125	5	62,9	138,3
FBRH55D120B	12,0	15/32	1,130	13,5	50	164	150	6	90,6	199,2
FBRH55D125B	12,5	1/2	1,230	14,8	50	164	160	6,4	97,6	214,7
FBRH55D150B	15,0	19/32	1,770	21,5	50	164	180	7,2	140,8	309,8
FBRH55D180B	18,0	3/4	2,54	31,0	50	164	240	9,6	203,2	447,0
FBRH55D200B	20,0	25/32	3,14	40,0	50	164	300	12	251,2	552,6

* = coefficient of friction μ:0,5

approx. 55° Shore D / 100° Shore A

Recommended pretension 2...4 %

Coefficient of friction μ	
Steel	approx. 0,35
PE	approx. 0,20
HDPE	approx. 0,15
FDA/EC/USDA compliant	

Further colours on request

Polyester TPE 55 D beige smooth, reinforced polyester

FDA/ EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	inch	cm^2	kg/100 m	m	ft	mm	inch	kg	lbs	kg	lbs
FBZRH55D060B	6,0	7/32	0,283	3,4	100	328	75	3,0	22,4	49,3	45,0	99,0
FBZRH55D063B	6,3	1/4	0,310	3,8	100	328	80	3,2	24,8	54,6	48,8	107,3
FBZRH55D070B	7,0	9/32	0,385	4,7	100	328	90	3,5	30,4	66,9	60,0	132,0
FBZRH55D080B	8,0	5/16	0,500	6,0	100	328	100	3,9	40,0	88,0	71,3	156,8
FBZRH55D095B	9,5	3/8	0,771	8,5	100	328	120	4,7	56,0	123,2	90,0	198,0
FBZRH55D100B	10,0	7/16	0,785	9,4	50	164	125	4,9	62,9	138,3	97,5	214,5
FBZRH55D120B	12,0	15/32	1,130	13,5	50	164	150	5,9	90,6	199,2	127,5	280,5
FBZRH55D125B	12,5	1/2	1,230	14,8	50	164	160	6,3	97,6	214,7	135,0	297,0
FBZRH55D150B	15,0	19/32	1,770	21,5	50	164	180	7,1	140,8	309,8	206,3	453,8
FBZRH55D180B	18,0	3/4	2,54	31,0	50	164	240	9,5	203,2	447,0	243,8	536,3
FBZRH55D200B	20,0	25/32	3,14	40,0	50	164	300	11,8	-	-	-	-

* = coefficient of friction μ:0,5

approx. 55° Shore D / 100° Shore A

Recommended pretension 0,5...2 %

Coefficient of friction μ	
Steel	approx. 0,35
PE	approx. 0,20
HDPE	approx. 0,15
FDA/EC/USDA compliant	

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55° Shore D · approx. 100° Shore A

Recommended pretension
max. 0,5 %

Polyester TPE 55 D beige smooth, reinforced steel

FDA/EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)* ★	
	mm	inch	cm²	kg/100 m	m	ft	mm	inch	kg	lbs
FBRS095BGB	9,5	3/8	0,710	8,5	500	1640	380	15,0	150	330
FBRS100BGB	10,0	7/16	0,785	9,4	500	1640	380	15,0	150	330
FBRS120BGB	12,0	15/32	1,082	13,0	500	1640	380	15,0	150	330
FBRS125BGB	12,5	1/2	1,230	14,8	500	1640	380	15,0	150	330

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

★ for joining system with crimps please refer to page 91

* = coefficient of friction μ:0,5

UV resistant

63° Shore D · approx. >100° Shore A

Recommended pretension
0,5...2 %

Polyester TPE 63 D silver smooth, reinforced polyester

FDA/EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	inch	cm²	kg/100 m	ft	(m)	mm	inch	kg	lbs	kg	lbs
FBRT063IGA	6,3	1/4	0,310	3,8	500	152,4	100	3,9	25,9	57,0	51,0	112,2
FBRT095IGA	9,5	3/8	0,710	8,5	500	152,4	150	5,9	59,4	130,6	105,0	231,0
FBRT125IGA	12,5	1/2	1,230	14,8	500	152,4	200	7,8	102,8	226,2	150,0	330,0

* = coefficient of friction μ:0,5

Coefficient of friction μ: Steel: approx. 0,30 | PE: approx. 0,15 | HDPE: approx. 0,10 | **FDA/EC/USDA compliant**

63° Shore D · approx. >100° Shore A

Recommended pretension
0,5...2 %

Polyester TPE 63 D beige smooth, reinforced polyester

FDA/EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	inch	cm²	kg/100 m	ft	(m)	mm	inch	kg	lbs	kg	lbs
FBRT063NGA	6,3	1/4	0,310	3,8	500	152,4	100	3,9	25,9	57,0	51,0	112,2
FBRT095NGB	9,5	3/8	0,710	8,5	350	106,68	150	5,9	59,4	130,6	105,0	231,0
FBRT095NGA	9,5	3/8	0,710	8,5	500	152,4	150	5,9	59,4	130,6	105,0	231,0
FBRT125NGA	12,5	1/2	1,230	14,8	500	152,4	200	7,8	102,8	226,2	150,0	330,0

Coefficient of friction μ: Steel: approx. 0,30 | PE: approx. 0,15 | HDPE: approx. 0,10 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5

63° Shore D · approx. >100° Shore A

Recommended pretension
0,5...2 %

Polyester TPE 63 D beige smooth, reinforced aramid

FDA/EC/USDA Food compliant

Order No.	Diameter ∅		Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	inch	cm²	kg/100 m	ft	(m)	mm	inch	kg	lbs	kg	lbs
FBRT063NGC	6,3	1/4	0,310	3,8	500	152,4	100	3,9	25,9	57,0	51,0	112,2
FBRT095NGC	9,5	3/8	0,710	8,5	500	152,4	150	5,9	59,4	130,6	105,0	231,0
FBRT125NGC	12,5	1/2	1,230	14,8	500	152,4	200	7,8	102,8	226,2	150,0	330,0

* = coefficient of friction μ:0,5

Coefficient of friction μ: Steel: approx. 0,30 | PE: approx. 0,15 | HDPE: approx. 0,10 | **FDA/EC/USDA compliant**

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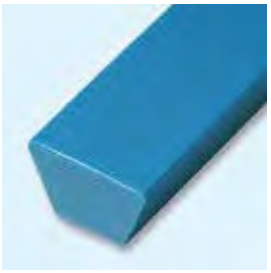

approx. 80° Shore A

Recommended pretension
4...8 %

PU 75 A sky blue smooth

FDA/EC/USDA Food compliant

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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	80	3,2	19,6	43,1
FBKI17BLGA	17 x 11 (B)	1,46	18,0	50	164	100	3,9	35,0	77,0

Coefficient of friction μ: Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5

approx. 80° Shore A

Recommended pretension
4...8 %

PU 75 A red smooth

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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	80	3,2	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

Coefficient of friction μ: Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

* = coefficient of friction μ:0,5

PATENT
WELDABLE reinforcement

approx. 80° Shore A

Recommended pretension
0,5...2 %

PU 75 A orange, reinforced glass fiber

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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

* = coefficient of friction μ:0,5

Coefficient of friction μ: Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

approx. 80° Shore A

Recommended pretension
0,5...2 %

PU 75 A light grey, reinforced polyester

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	cm²	kg/100 m	m	ft	mm	inch	kg	lbs	kg	lbs
FBKI17BHGA	17 x 11 (B)	1,46	18,0	50	164	120	4,7	37,2	81,9	83,8	184,4
FBKI22CHGA	22 x 14 (C)	2,40	29,0	50	164	160	6,3	60,8	133,7	127,5	280,5

* = coefficient of friction μ:0,5

Coefficient of friction μ: Steel: approx. 0,70 | PE: approx. 0,40 | HDPE: approx. 0,35

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SAFE
Metal detectable

approx. 84° Shore A

Recommended pretension
3...6 %

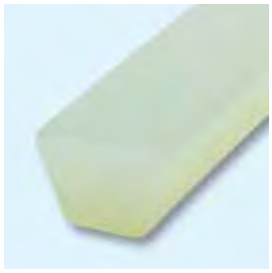
PU 80 A SAFE capri blue smooth

FDA/ EC/USDA Food compliant

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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

Coefficient of friction μ: Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5



approx. 84° Shore A

Recommended pretension
4...8 %

PU 80 A transparent smooth

FDA/ EC/USDA Food compliant

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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

Coefficient of friction μ: Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5

approx. 84° Shore A

Recommended pretension
4...8 %

PU 80 A orange smooth

FDA/ EC/USDA Food compliant

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	ft	(m)	mm	inch	kg	lbs
FBJ6YOG	6 x 4 (Y)	0,19	2,3	100	30,48	40	1,6	6,2	13,7
FBJ8MOG	8 x 5 (M)	0,32	4,0	100	30,48	45	1,8	10,3	22,6
FBJ10ZOG	10 x 6 (Z)	0,48	6,0	100	30,48	55	2,2	15,4	33,9
FBJ13AOG	13 x 8 (A)	0,82	10,0	100	30,48	85	3,3	26,3	57,9
FBJ17BOG	17 x 11 (B)	1,46	18,0	100	30,48	110	4,3	46,9	103,1
FBJ22COG	22 x 14 (C)	2,40	29,0	100	30,48	150	5,9	77,0	169,5
FBJ32DOG	32 x 20 (D)	5,00	62,0	100	30,48	220	8,7	160,5	353,1

Coefficient of friction μ: Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5

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PU 80 A orange smooth, reinforced polyester

FDA/ EC/USDA Food compliant

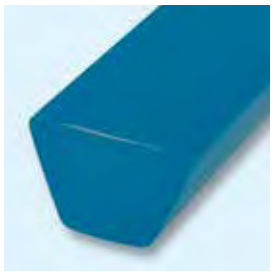
Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	cm²	kg/100 m	ft	m	mm	inch	kg	lbs	kg	lbs
FBJ8MOGA	8 x 5 (M)	0,32	4,0	100	(30,48)	50	2,0	10,3	22,6	21,6	47,5
FBJ10ZOGA	10 x 6 (Z)	0,48	6,0,	100	(30,48)	60	2,4	15,4	33,9	32,4	71,3
FBJ13AOGA	13 x 8 (A)	0,82	10,0	100	(30,48)	90	3,5	25,9	57,0	54,5	119,8
FBJ13AOGA001	13 x 8 (A)	0,82	10,0	(164)	50	90	3,5	25,9	57,0	54,5	119,8
FBJ17BOGA	17 x 11 (B)	1,46	18,0	100	(30,48)	120	4,7	46,9	103,1	98,6	216,8
FBJ17B0GC	17 x 11 (B)	1,46	18,0	(328)	100	120	4,7	46,9	103,1	98,6	216,8
FBJ22COGA	22 x 14 (C)	2,40	29,0	100	(30,48)	160	6,3	77,0	169,5	150,0	330,0

approx. 84° Shore A

Recommended pretension 0,5...2 %

Coefficient of friction μ: Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5



PU 85 A sapphire blue smooth

FDA/ EC/USDA Food compliant

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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	160	6,3	82,4	181,3

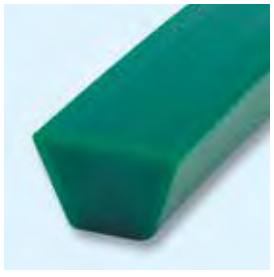
approx. 88° Shore A

Recommended pretension 4...8 %

Coefficient of friction μ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 | **FDA/EC/USDA compliant**

* = coefficient of friction μ:0,5

V-belts with reinforcement available on request



PU 85 A green smooth

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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	160	6,3	87,7	193,0
FBKP85A32	32 x 20 (D)	5,00	62,0	25	82	230	9,1	195,8	430,8

approx. 88° Shore A

Recommended pretension 4...8 %

Coefficient of friction μ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

* = coefficient of friction μ:0,5

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PATENT
LOW ELONGATION

PU 85 A PLUS blue matt finish

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm^2	kg/100 m	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	160	6,3	99,3	218,4
FBKP85A32BP	32 x 20 (D)	5,00	62,0	25	82	230	9,1	206,8	455,0

approx. 88° Shore A

Recommended pretension
3...6 %

Coefficient of friction μ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 * = coefficient of friction μ:0,5

PATENT
LOW ELONGATION

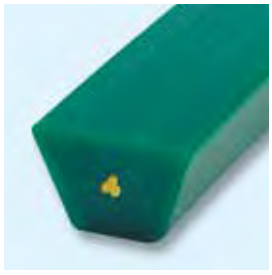
PU 85 A PLUS, PJ2/PJ3, V-ribbed belt, ultramarine blue

Order No.	Description	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
		mm	cm^2	kg/100 m	m	ft	mm	inch	kg	lbs
FBPVKPJ2L	PJ2	4,8 x 4	0,16	1,96	200	656	40	1,6	10,3	22,7
FBPVKPJ3L	PJ3	7 x 4	0,24	2,93	200	656	40	1,6	15,0	33,1

approx. 88° Shore A

Recommended pretension
3...6 %

Coefficient of friction μ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 * = coefficient of friction μ:0,5



PU 85 A green, reinforced aramid

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	cm^2	kg/100 m	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

approx. 88° Shore A

Recommended pretension
0,5...2 %

Coefficient of friction μ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30 * = coefficient of friction μ:0,5

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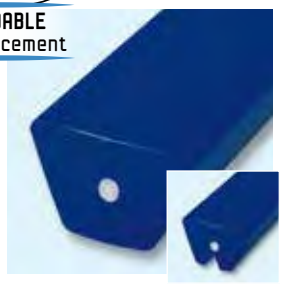
PATENT
WELDABLE reinforcement



approx. 88° Shore A

Recommended pretension
0,5...2 %

PU 85 A ultramarine blue, reinforced glass fiber

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

* = coefficient of friction μ:0,5

Coefficient of friction μ: Steel: approx. 0,60 | PE: approx. 0,35 | HDPE: approx. 0,30

approx. 92° Shore A

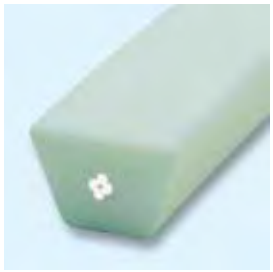
Recommended pretension
3...5 %

PU 90 A white smooth

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm^2	kg/100 m	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

Coefficient of friction μ: Steel: approx. 0,50 | PE: approx. 0,30 | HDPE: approx. 0,25 * = coefficient of friction μ:0,5

available cogged on request**



approx. 92° Shore A

Recommended pretension
0,5...2 %

PU 90 A white, reinforcement polyester

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	cm^2	kg/100 m	m	ft	mm	inch	kg	lbs	kg	lbs
FBZKP90A08P	8 x 5	0,32	4,0	100	328	80	3,1	15,4	33,8	30,0	66,0
FBZKP90A10P	10 x 6	0,48	6,0	50	164	100	3,9	23,0	50,7	45,0	99,0
FBZKP90A13P	13 x 8	0,82	10,0	50	164	120	4,7	38,4	84,5	67,5	148,5
FBZKP90A17P	17 x 11	1,46	18,0	50	164	160	6,3	69,1	152,1	120,0	264,0
FBZKP90A22P	22 x 14	2,40	29,0	50	164	230	9,0	115,2	253,4	202,5	445,5

Coefficient of friction μ: Steel: approx. 0,50 | PE: approx. 0,30 | HDPE: approx. 0,25 * = coefficient of friction μ:0,5

approx. 92° Shore A

Recommended pretension
0,5...2 %

PU 90 A white, reinforced polyester, with cogged bottom**

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm^2	kg/100 m	m	ft	mm	inch	kg	lbs
FBZKP90A13PV	13 x 8	0,82	10,0	50	164	90	3,5	32,6	71,8
FBZKP90A17PV	17 x 11	1,46	18,0	50	164)	120	4,7	58,8	129,3
FBZKP90A22PV	22 x 14	2,40	29,0	50	164	175	7,0	97,9	215,4

Coefficient of friction μ: Steel: approx. 0,50 | PE: approx. 0,30 | HDPE: approx. 0,25 * = coefficient of friction μ:0,5

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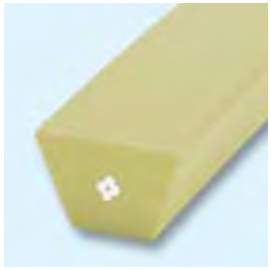

approx. 95° Shore A

Recommended pretension
0,5...2 %

PU 95 A beige, reinforced polyester

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	cm²	kg/100 m	m	ft	mm	inch	kg	lbs	kg	lbs
FBKM13ABGA	13 x 8	0,82	10,0	50	164	130	5,0	40,0	88,0	67,5	148,5
FBKM17BBGA	17 x 11	1,46	18,0	50	164	175	6,8	72,0	158,4	120,0	264,0
FBKM22CBGA	22 x 14	2,40	29,0	50	164	250	9,7	120,0	264,0	202,0	444,4

Coefficient of friction μ: Steel: approx. 0,45 | PE: approx. 0,25 | HDPE: approx. 0,20 * = coefficient of friction μ:0,5

approx. 95° Shore A

Recommended pretension
0,5...2 %

PU 95 A beige, reinforced polyester, with cogged bottom**

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	m	ft	mm	inch	kg	lbs
FBZKP95A13PV	13 x 8	0,82	10,0	50	164	100	3,9	34,0	74,8
FBZKP95A17PV	17 x 11	1,46	18,0	50	164	130	5,0	61,2	134,6
FBZKP95A22PV	22 x 14	2,40	29,0	50	164	190	7,4	102,0	224,4

Coefficient of friction μ: Steel: approx. 0,45 | PE: approx. 0,25 | HDPE: approx. 0,20 * = coefficient of friction μ:0,5

40° Shore D · approx. 95° Shore A

Recommended pretension
2...4 %

Polyester TPE 40 D beige smooth

FDA/EC/USDA Food compliant

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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

Coefficient of friction μ: Steel: approx. 0,50 | PE: approx. 0,25 | HDPE: approx. 0,20 | **FDA/EC/USDA compliant**

available cogged on request**

* = coefficient of friction μ:0,5

** The cogged bottom enables the belt to run over smaller pulleys (approx. 25% smaller) but also decreases the maximum working tension (approx. 15%). Cogged V-Belts cannot be used as timing belts.

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55° Shore D · approx. 100° Shore A

Recommended pretension
2...4 %

Polyester TPE 55 D beige smooth

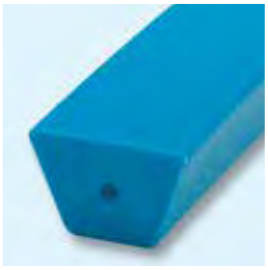
FDA/ EC/USDA Food compliant

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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	125	5	64,0	140,8
FBKH55D17 (blau)	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	235	9,4	192,0	422,4

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

available cogged on request**

* = coefficient of friction μ:0,5



55° Shore D · approx. 100° Shore A

Recommended pretension
2...4 %

Polyester TPE 55 D blue smooth

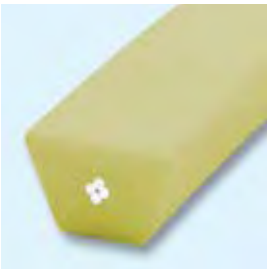
FDA/ EC/USDA Food compliant

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*	
	mm	cm²	kg/100 m	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	125	5	64,0	140,8
FBKH55D17 (blau)	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	235	9,4	192,0	422,4

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

available cogged on request**

* = coefficient of friction μ:0,5



55° Shore D · approx. 100° Shore A

Recommended pretension
0,5...2 %

Polyester TPE 55 D beige, reinforced polyester

FDA/ EC/USDA Food compliant

Order No.	Profile dimension	Cross Section	approx. Weight	Standard Roll		Recommended Min. pulley ∅		Fmax/belt (Standard)*		Fmax/belt (overlap)	
	mm	cm²	kg/100 m	m	ft	mm	inch	kg	lbs	kg	lbs
FBKH55D10P	10 x 6	0,48	6,0	50	164	110	4,4	48	105,6	70	154
FBKH55D13P	13 x 8	0,82	10,0	50	164	130	5,2	80	176	110	242
FBKH55D17P	17 x 11	1,46	18,0	50	164	180	7,2	146	321,2	180	396
FBKH55D22P	22 x 14	2,40	29,0	50	164	250	10	240	528	300	660

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

available cogged on request**

* = coefficient of friction μ:0,5

** The cogged bottom enables the belt to run over smaller pulleys (approx. 25% smaller) but also decreases the maximum working tension (approx. 15%). Cogged V-Belts cannot be used as timing belts.

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