

Round belts

**PU85A sapphire blue smooth, Reinforced Polyester**



approx. 88° Shore A

Recommended Pretension 0.5...2%

Coeff. of friction  $\mu$  steel approx. 0,6

Coeff. of friction  $\mu$  PE approx. 0,35

Coeff. of friction  $\mu$  HDPE approx. 0,3

FDA/EC compliant

Article no.	Diameter $\varnothing$		Cross section $\text{cm}^2$	approx. weight $\text{kg}/100\text{m}$	Standard roll		Recommended min. pulley $\varnothing$		Fmax/belt (s- tandard)		Fmax/belt (overlap)	
	mm	inch			m	ft	mm	inch	kg	lbs	kg	lbs
FBRK060LGAAC	6	7/32	0,283	3,4	100	328	60	2,4	9,7	21,3	21,6	47,5
FBRK063LGA	6,3	1/4	0,31	3,8	100	328	65	2,6	10,7	23,6	23,9	52,5
FBRK070LGA	7	9/32	0,385	4,7	100	328	70	2,8	13,1	28,9	29,3	64,4
FBRK080LGA	8	5/16	0,5	6	100	328	80	3,2	17,2	37,8	38,3	84,2
FBRK095LGA	9,5	3/8	0,71	8,5	100	328	95	3,7	24,4	53,8	54,5	119,8
FBRK100LGA	10	7/16	0,785	9,4	50	164	100	3,9	26,9	59,1	59,9	131,7
FBRK120LGA	12	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	19/32	1.770	21,5	50	164	150	5,9	60,8	133,8	135,5	298

**Characteristics**



**Hydrolysis resistance**  
Hydrolysis resistance (HY). Suitable for humid environments.



**Microbe resistant**  
Microbe-resistant materials do not provide a breeding ground for microorganisms.



**FDA (Food and Drug Administration)**  
FDA/EC conformity for direct food contact



**with reinforcement**  
for applications that require a higher pull force.

The above information is the result of in-house quality testing. They do not contain any guarantee of properties and in particular do not contain any statements about the suitability of the product for specific purposes, so that no claims against us can be derived from them. In particular, the information does not release the purchaser from his obligation to inspect incoming goods.

Subject to change without notice - 08/2024