

Round belts

PU85A sapphire blue smooth



approx. 88° Shore A

Recommended Pretension 4...8%

Coeff. of friction μ steel approx. 0,6

Coeff. of friction μ PE approx. 0,35

Coeff. of friction μ HDPE approx. 0,3

FDA/EC compliant

Article no.	Diameter \varnothing		Cross section cm^2	approx. weight $\text{kg}/100\text{m}$	Standard roll		Recommended min. pulley \varnothing		Fmax/belt (standard)	
	mm	inch			m	ft	mm	inch	kg	lbs
FBRK020LGAAA	2	5/64	0,032	0,5	200	656	15	0,6	1	2,2
FBRK030LGAAA	3	1/8	0,071	0,9	200	656	25	1	2,4	5,3
FBRK040LGAAA	4	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	1/5	0,197	2,4	100	328	50	2	6,7	14,7
FBRK060LGAAA	6	7/32	0,283	3,4	100	328	60	2,4	9,7	21,3
FBRK063LGAAA	6,3	1/4	0,31	3,8	100	328	65	2,6	10,7	23,6
FBRK070LGAAA	7	9/32	0,385	4,7	100	328	70	2,8	13,1	28,9
FBRK080LGAAA	8	5/16	0,5	6	100	328	80	3,2	17,2	37,8
FBRK095LGAAA	9,5	3/8	0,71	8,5	100	328	95	3,8	24,4	53,8
FBRK100LGAAA	10	7/16	0,785	9,4	50	164	100	4	26,9	59,1
FBRK120LGAAA	12	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	19/32	1.770	21,5	50	164	150	6	60,8	133,8

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

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