

Roundbelts

PU90A white smooth












● red upon request

approx. 92° Shore A	
Recommended pretension 3...5 %	
Coeff. of friction μ	
Steel	approx. 0,50
PE	approx. 0,30
HDPE	approx. 0,25

Order No.	Diameter \varnothing		Cross section cm ²	approx. Weight kg/100 m	Standard Roll		Recommended Min. pulley \varnothing		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

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.	Profiles with FDA/EC conformity for direct contact with food.	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 micro-organisms	Belt made of 2 components enables combination of hardness and features.

Roundbelts

PU90A white smooth, reinforced Polyester



approx. 92° Shore A

Recommended pretension
0,5...2 %










Coeff. of friction μ

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

Order No.	Diameter Ø		Cross section cm ²	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%.

Symbols

								
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