

PU90A white smooth, reinforced polyester

| 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 | 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