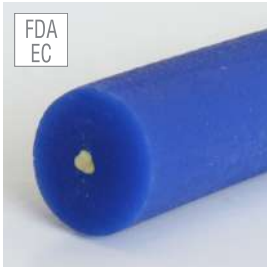


## Round belt

### PU85A ultramarine blue rough, reinforced Aramid












approx. 88° Shore A

Recommended pretension  
0,5...2 %

| Order No.  | Diameter Ø |       | Cross section<br>cm <sup>2</sup> | approx. weight<br>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   |
| FBRK050LRC | 5,0        | 1/5   | 0,197                            | 2,4                        | 100           | 328 | 55                         | 2,2  | 7,1                  | 15,7  | -                   | -     |
| FBRK060LRC | 6,0        | 7/32  | 0,283                            | 3,4                        | 100           | 328 | 60                         | 2,3  | 10,4                 | 22,9  | 23,0                | 50,5  |
| FBRK063LRC | 6,3        | 1/4   | 0,310                            | 3,8                        | 100           | 328 | 65                         | 2,5  | 11,4                 | 25,1  | 25,2                | 55,4  |
| FBRK070LRC | 7,0        | 9/32  | 0,385                            | 4,7                        | 100           | 328 | 70                         | 2,8  | 14,1                 | 31,0  | 31,1                | 68,3  |
| FBRK080LRC | 8,0        | 5/16  | 0,500                            | 6,0                        | 100           | 328 | 80                         | 3,2  | 18,4                 | 40,4  | 40,5                | 89,1  |
| FBRK095LRC | 9,5        | 3/8   | 0,710                            | 8,5                        | 100           | 328 | 95                         | 3,7  | 25,9                 | 57,0  | 57,2                | 125,7 |
| FBRK100LRC | 10,0       | 7/16  | 0,785                            | 9,4                        | 50            | 164 | 100                        | 3,9  | 28,6                 | 62,8  | 63,0                | 138,6 |
| FBRK120LRC | 12,0       | 15/32 | 1,130                            | 13,5                       | 50            | 164 | 120                        | 4,7  | 40,8                 | 89,8  | 90,0                | 198,0 |
| FBRK125LRC | 12,5       | 1/2   | 1,230                            | 14,8                       | 50            | 164 | 125                        | 4,9  | 44,9                 | 98,7  | 99,0                | 217,8 |
| FBRK150LRC | 15,0       | 19/32 | 1,77                             | 21,5                       | 50            | 164 | 150                        | 5,9  | 64,9                 | 142,7 | 143,1               | 314,8 |

Coeff. of friction  $\mu$ : Steel: approx. 0,45 | PE: approx. 0,30 | HDPE: approx. 0,25 | FDA/EC compliant

### 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.  | FDA/EC conformity for hydrolysis-resistant conveying profiles with rough and finely textured surfaces.<br>EC/FDA/USDA conformity for smooth profiles.                   | Metal and X-ray detectable profiles for maximum food safety.                         | Hydrolysis resistance (HY).<br>Suitable for humid environments.                       | Microbe-resistant materials do not provide a breeding ground for microorganisms       |