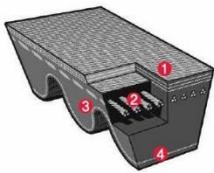


ConCar narrow raw edged V-belts

ConCar REX – narrow V-belts - raw edge, moulded cogged - consist of a high-quality chloroprene compound. The special polyester cords and the belt are vulcanized into one unit. They ensure high resistance towards tensile and bending forces, elongation and shock loads. The optimized form of toothing reduces the bending stress and leads to a uniform tension distribution. The open flanks ensure even contact between the belt flanks and the pulley grooves.

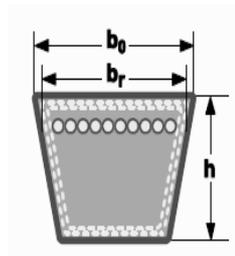


Design



| Construction | Function | Material |
|-----------------------|---|--------------------------|
| 1) Top fabric | Protects internal tension member | Cotton, Synthetic fabric |
| 2) Tension member | Primary material for transferring power | Polyester |
| 3) Compression rubber | Maintains sectinal shape by side pressure | Chloroprene |
| 4) Bottom rubber | Absorbs shocks and prevent cracking in compression rubber | Chloroprene |

Profiles



| | XPZ | XPA | XPB | XPC |
|-------------------------|-------|-------|-------|------|
| Upper belt width b_0 | 9,7 | 12,7 | 16,3 | 22 |
| Belt height h | 8 | 10 | 13 | 18 |
| Bottom profile width | 4,2 | 5,8 | 7,3 | 9,6 |
| Effective width b_w | 8,5 | 11 | 14 | 19 |
| Minimum pulley diameter | 56 | 80 | 112 | 180 |
| Weigth per meter (kg/m) | 0,065 | 0,111 | 0,183 | 0,34 |

Features

- oil-resistant under certain conditions
- dustproof and resistant to tropical climates
- manufactured according to DIN 7753
- maximum belt speed: 42 m/sec.
- temperature range: -30 °C to +70 °C
- electrically conductive according to ISO 1813. Can be used under the conditions described in the ATEX directive (94/9/EC).

Application areas

- construction of light and heavy machines
- favourable implementation of the requirements of transmission, coupling, and axial interval