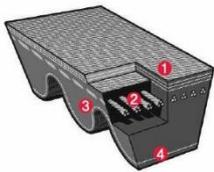


## ConCar raw edged V-belts

ConCar classical raw-edged V-belts are made of a high-quality rubber compound. The polyester cords are vulcanised to form a unit with the belt, then impregnated and covered in a special rubber compound. This creates a homogeneous bond between the cord and the core, ensuring a high degree of resistance to tensile and bending forces, expansion, and impact loads.

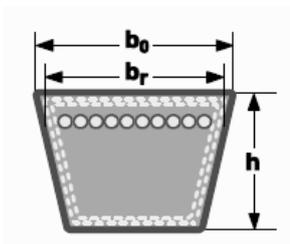


### Design



Construction	Function	Material
1) Top fabric	Protects internal tension member	Cotton, Synthetic fabric
2) Tension member	Primary material for transvering 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



	ZX/X10	AX/X13	BX/X17	CX/X22
Upper belt width $b_0$	10	13	17	22
Belt height $h$	6	8	11	14
Bottom profile width	5,9	7,5	9,4	12,3
Effective width $b_w$	8,5	11	14	19
Minimum pulley diameter	40	63	90	140
Weigth per meter (kg/m)	0,062	0,099	0,165	0,276

### Features

- oil-resistant under certain conditions
- dustproof and resistant to tropical climates
- manufactured according to DIN 2215
- maximum belt speed: 50 m/sec.
- maximum reversed bending:  $100 \text{ s}^{-1}$
- temperature range:  $-30 \text{ }^\circ\text{C}$  to  $+70 \text{ }^\circ\text{C}$
- 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
- impact-loaded drives
- favourable implementation of the requirements of transmission, coupling, and axial interval