

optibelt RED POWER 3* maintenance-free

The next generation of RED POWER 3 V-belts and kraftbands produces results that are really worth talking about: up to 50% more performance while at the same time cutting costs by up to 35%.

Optimized production processes and consistent improvement of raw materials have led to these excellent results. The cost savings are explained as follows:

Fewer belts
+ narrower pulleys
+ space saving
= less costs

Advantages

- High performance V-belt
- up to 50% higher power ratings
- Maintenance-free; optimum tension throughout service life
- Homogeneous, coordinated integration: belt – flank – V-grooved pulleys
- Reduced pulley groove wear due to optimized cover fabric
- S=C plus Set Constant, can be use in sets without further measurement
- Up to 97% drive efficiency
- antistatic according to ISO 1813, compatible with ATEX
- Environmentally friendly
- Improved smooth running behaviour and low vibration
- High resistance to shock loads
- Suitable for use with back bend idlers
- less downtimes
- up to 100 °C temperature resistant

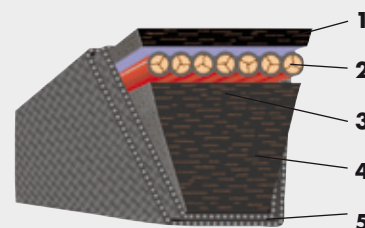
Examples of Applications

The application examples are endless, as the Optibelt RED POWER 3 is available in lengths ranging from 1,200 mm to 12,700 mm.

*** S=C PLUS can be used in sets without further measurement**



Belt construction



- 1 Transverse fibre compound made of polychloroprene
- 2 Polyester tension cord/maintenance-free
- 3 Transverse fibre mixture made of polychloroprene
- 4 Rubber core
- 5 Abrasion-resistant cover fabric

Profiles – V-belts:

SPZ, SPA, SPB, SPC,
3V/9N, 5V/15N, 8V/25N

Dimensions:

1,200 to 12,700 mm

V-grooved pulleys:

all standard pulleys
special pulleys on request