



SYNCHRONIZING DURABILITY

Single End Cord for Automotive and Industrial Belts

Today, belts in both the automotive and the industrial/agricultural sectors are being required to transmit ever higher forces. More and more aggregates are being driven by single belts, so to extend their lifetimes, belt components need to have high resistance to fatigue. In addition, in the automotive industry, belts are increasingly replacing metal chains as part of the drive to reduce CO2 emissions. SKS offers a range of high-tech cords that allow belt manufacturers to meet these new demands and develop their products accordingly.



Polyester (PET):

- Excellent breaking tenacity with medium elongation and low shrinkage for high flexibility and extended lifetime
- Available as twisted and RFL-dipped cord for excellent adhesion, in a wide variety of tailor-made plied constructions
- Soft-dipped as well as semi-stiff-dipped for improved fray resistance

Aramid:

- High breaking tenacity with low elongation and creep for excellent power transmission
- High flexibility and dimensional stability, and good chemical and heat resistance
- Available as twisted and RFL-dipped cord for excellent adhesion, in a wide variety of tailor-made plied constructions
- Soft-dipped as well as semi-stiff-dipped for improved fray resistance

Polyamide (PA66):

- Excellent breaking tenacity with medium to high elongation for extended flexibility
- Available as twisted and RFL-dipped cord for excellent adhesion, in a wide variety of tailor-made plied constructions
- Soft-dipped as well as semi-stiff-dipped for improved fray resistance

All RFL-dipped cords have excellent properties of adhesion to commonly used rubber compounds, like EPDM, NR, SBR, CR and (H-)NBR. Cords can also be tailored to optimize adhesion to customer-specific rubber compounds.