



Building

Elevator: safe and functional

- Elevator hoisting solutions:
 - Flexisteel®
 - Fine steelcord for elevator belts

Key trends

- CO₂ reduction – **sustainable** solutions
- Further **urbanization** – higher/taller buildings
- The **need for vertical transportation system** grows
- Moderization of outdated elevators

Building

Hoisting solutions
for elevators

A new level of ride comfort



Challenges

- High **consumption of energy** and material lead to increased CO₂ footprint
- **Cost pressure** in elevator maintenance
- **Space constraints** in elevator shafts in existing buildings

Benefits



- We develop high performing hoisting products to **reduce energy** and **raw material consumption**
- Our hoisting solutions do not require any greasing which **lowers the maintenance costs**
- Our hoisting solutions help you to develop smart elevator designs leaving **more space for cabins**
- We as an innovation leader for hoisting of elevators are the best partner for **co-development**

Flexisteel®

**Fine steelcord for
elevator belts**



Bekaert Elevator Hoisting Video EN 2023 02 01

Building

Hoisting solutions
for elevators

Flexisteel®

Product features

- Zinc-coated steel construction rope with thermoplastic extrusion
- Combine high strength with increased traction
- Low elongation - Flexisteel® displays minimal sag
- Our high-tensile, high-engineered steel cords benefit from a minimum breaking load of 28 kN
- Smart rope construction with low permanent stretch



Polymer coated
elevator ropes

**Want to
know
more?**



Fine steel cord for elevator belts

Product features

- Zinc coated with adhesion primer
- Low elongation
- High breaking load
- Excellent processability
- Good adhesion with TPU
- Long and successful track record of impeccable quality

