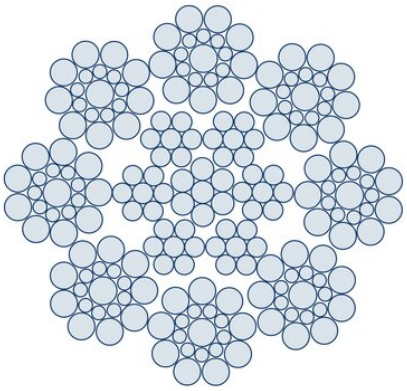
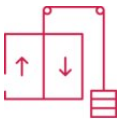
Lifting Solutions Group
Axel Johnson International

Elevator Rope Ropetex TYCLIFT 8SC

Product information



Elevator



Ropetex TYCLIFT 8SC is a steel wire rope developed for elevator installations where both bending fatigue and load stability influence rope performance. Its 8×19S construction, combined with an independent wire rope core, offers a balance between flexibility and structural stability. Compared to fiber-core designs, this rope provides controlled elongation while maintaining good bending behavior. It is well-suited for mid- to high-rise elevators with normal to heavy usage.

When to choose this product

- Elevator installations requiring a balance of flexibility and stability
- Mid- to high-rise applications with intermediate to high bending cycles
- Situations where controlled elongation improves long-term adjustment

Product benefits

- **8×19S construction with independent steel core (IWRC)**
  Combines good bending performance with improved structural stability compared to fiber-core ropes.
- **Controlled elongation behavior**
  Supports consistent elevator performance and reduces the frequency of rope re-tensioning.
- **Suitable for higher bending demands**
  Designed to handle intermediate to high bending cycles in daily operation.
- **Normal to heavy usage capability**
  Covers a wide range of passenger elevator duty levels without over-specification.

Tolerances

- ≤10 mm 0% − +3%
- >10 mm 0% − +2%

Total number of wires: 227

... *Read more*

Rope construction: 8x19S-IWRC
Marking: According to standard, CE-mark, UKCA-marked
Temperature range: -40°C up to +100°C
Finish: Bright (U)
Standard: EN 12385-5, ISO 4344

Fill factor: 0,582

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Technical data

Part code	Rope diameter mm	Finish	Tensile strength N/mm²	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
106100804140481	8	Bright	1,570/1,770	sZ	40.8	A-1	26.05
106101004140481	10	Bright	1,570/1,770	sZ	63.8	A-1	40.7

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