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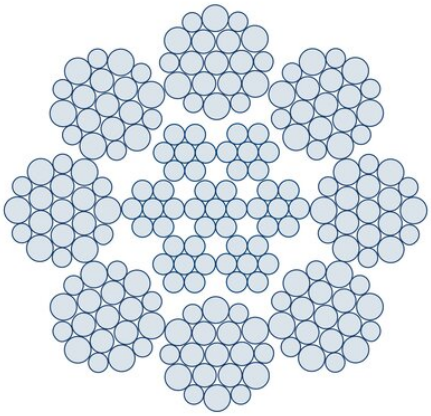
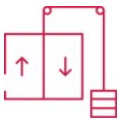
Axel Johnson International

Elevator Rope Ropetex TYCLIFT 8GL

Product information



Elevator



Ropetex TYCLIFT 8GL is a steel wire rope designed for passenger elevator installations with higher travel heights and increased bending demands. The steel core construction reduces rope elongation and improves load stability over time. This makes the rope suitable for mid- to high-rise elevators that require consistent performance across many bending cycles. TYCLIFT 8GL is a practical choice where service life is influenced by fatigue rather than traction alone.

When to choose this product

- Passenger elevators with higher travel heights
- Installations with intermediate to high bending cycles
- Applications where low elongation and stable rope geometry are required

Product benefits

- **8×19W construction with steel core (IWRC)**
  Improves fatigue resistance and supports longer service life in installations with frequent bending over sheaves.
- **Low elongation under load**
  Helps maintain car leveling and rope balance over time, reducing the need for re-adjustment during service.
- **Stable load behavior in taller installations**
  Steel core improves dimensional stability, supporting predictable performance in mid- to high-rise elevators.
  Designed for normal to heavy usage levels
  Suitable for elevators with regular daily operation and higher cycle counts.

Tolerances

- ≤10 mm 0% − +3%
- >10 mm 0% − +2%

... *Read more*

Rope construction: 8x19W-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
106100804020541	8	Bright	1,570	sZ	38.4	A-1	26.1
106101004020541	10	Bright	1,570	sZ	60	A-1	40.7
106101104020541	11	Bright	1,570	sZ	72.6	A-1	49.3
106101304020541	13	Bright	1,570	sZ	101	A-1	68.8

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