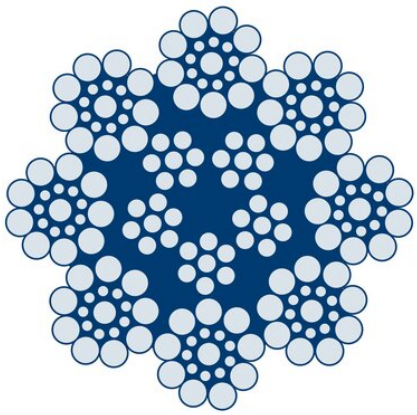
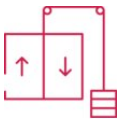
Lifting Solutions Group
Axel Johnson International

Elevator Rope Ropetex TYCLIFT 8MC

Product information





Ropetex TYCLIFT 8MC is a steel wire rope designed for elevator installations where service life is more affected by wear at the traction sheave than by bending fatigue. The Seale strand construction uses thicker outer wires to improve abrasion resistance in sheave contact. A mixed core combining steel and fiber supports dimensional stability while also acting as a lubricant reservoir. This makes TYCLIFT 8MC a practical choice for low- to mid-rise elevators with higher sheave wear.

When to choose this product

- Elevator installations with increased wear at the traction sheave
- Low- to mid-rise applications with small to intermediate bending cycles
- Situations where abrasion resistance has a stronger impact than fatigue

Product benefits

- **Seale strand construction with thicker outer wires**
  Improves resistance to wear from repeated traction sheave contact, supporting longer service intervals.
- **Mixed core with steel and fiber content**
  Provides low elongation while the fiber component helps retain lubricant inside the rope.
- **Stable performance under normal usage levels**
  Designed for everyday elevator operation where wear is the primary limiting factor.
- **Good balance of stability and flexibility**
  Supports smooth running without sacrificing structural control.

Tolerances

- ≤10 mm 0% − +3%
- >10 mm 0% − +2%

... *Read more*

Rope construction: 8x19S-MC
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
106100804020501	8	Bright	1,570	sZ	38.4	A-1	26.05
106100803020501	8	Bright	1,570	zS	38.4	A-1	26.05
106101004020501	10	Bright	1,570	sZ	60	A-1	40.7
106101003020501	10	Bright	1,570	zS	60	A-1	40.7
106101304020501	13	Bright	1,570	sZ	101	A-1	68.78

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