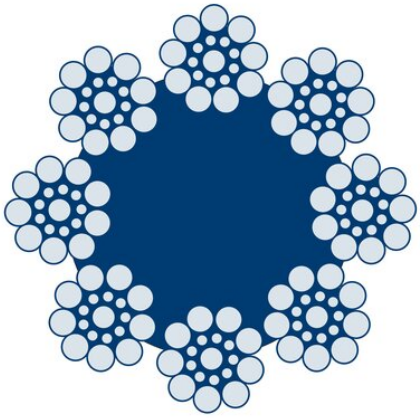
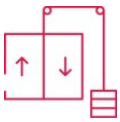
CERTEX | Lifting Solutions Group
Axel Johnson International

Steel Wire Rope ROPETEX TYCLIFT 8FC

Product information



Elevator



ROPETEX

sZ zS

Ropetex TYCLIFT 8FC is a steel wire rope designed for standard passenger elevators in low- to mid-rise installations. It is the most used elevator rope in Europe, where predictable performance and easy handling are key. The fiber core provides high flexibility and good traction, making the rope well suited for use with softer traction sheaves. This construction helps reduce installation effort while supporting smooth, reliable elevator operation.

When to choose this product

- Standard passenger elevators in low- to mid-rise buildings
- Installations using softer traction sheaves and moderate bending cycles

Product benefits

- **Flexible 8×19S construction with fiber core**
  Provides good bending behavior and traction, helping the rope seat properly on the sheave and run smoothly in everyday elevator service.
- **Easy handling during installation and replacement**
  Medium elongation and flexible behavior make it easier to install and adjust, reducing setup time and the risk of handling errors.
- **Well-suited for standard bending demands**
  Designed for small to intermediate bending cycles, covering the most common passenger elevator applications.

Tolerances

- ≤10 mm 0% − +6%
- >10 mm 0% − +5%

Total number of wires: 152

... *Read more*

Rope construction: 8x19S-FC
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: 0,444

CERTEX Danmark A/S
info@certex.dk
+45 74 54 14 37

© November 2026 - All Rights Reserved

CERTEX | Lifting Solutions Group
Axel Johnson International

Steel Wire Rope ROPETEX TYCLIFT 8FC

Technical data

Part code	Rope diameter mm	Finish	Tensile strength N/mm²	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
106100804130461	8	Bright	1,370/1,770	sZ	28.1	A-1	21.76
106100803130461	8	Bright	1,370/1,770	zS	28.1	A-1	21.76
106100904130461	9	Bright	1,370/1,770	sZ	35.6	A-1	27.54
106100903130461	9	Bright	1,370/1,770	zS	35.6	A-1	27.54
106101004130461	10	Bright	1,370/1,770	sZ	44	A-1	34
106101003130461	10	Bright	1,370/1,770	zS	44	A-1	34
106101104130461	11	Bright	1,370/1,770	sZ	53.2	A-1	41.14
106101103130461	11	Bright	1,370/1,770	zS	53.2	A-1	41.14
106101204130461	12	Bright	1,370/1,770	sZ	63.3	A-1	48.96
106101203130461	12	Bright	1,370/1,770	zS	63.3	A-1	48.96
106101304130461	13	Bright	1,370/1,770	sZ	74.3	A-1	57.46
106101604130461	16	Bright	1,370/1,770	sZ	113	A-1	87.04

CERTEX Danmark A/S
info@certex.dk
+45 74 54 14 37

© November 2026 - All Rights Reserved