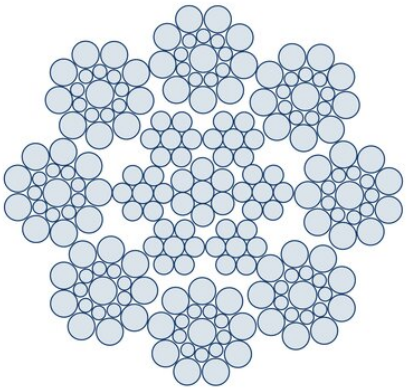
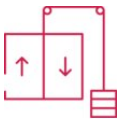
# Elevator Rope Ropetex TYCLIFT 8SC

**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

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**Rope construction:** 8x19S-IWRC
**Marking:** According to standard, CE-marked, 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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