



General use



Overhead cranes



Slings



Steel Wire Rope ROPETEX S16

Product information

ROPETEX



ROPETEX S16 (and S65) steel wire ropes are the most commonly used type of steel wire ropes in the range from 8 to 38 mm. Both can be used for a variety of applications.

Available as S16 with Fiber Core (FC) or as S65 with Independent Wire Rope Core (IWRC). S16 is more flexible but has a lower breaking strength.

S65 is less flexible but has higher strength and is more dimensionally stable, especially when used on sheaves or drums.

Typical applications:

- Wire rope sling
- Hoisting installations
- Lifting rope
- Mooring cable
- Towing rope
- Lifting applications

Alternatives:

- ROPETEX S65 is a very comparable rope with an Independent Steel Wire Rope Core (IWRC) instead of a Fiber Core (FC);

Rope construction: 6x36WS-FC

Marking: According to standard

Temperature range: -40°C up to +100°C

Standard: EN 12385-4

Fill factor: 0,5

RCN: 09

| Part Code | Rope Diameter, | Tensile strength N/mm ² | Finish | Rope lay. | Min. Breaking force, kN | Steel area mm ² | Lubrication | Weight kg/100m | Delivery time |
|-----------------|----------------|---------------------------------------|------------|-----------|----------------------------|-------------------------------|-------------|-------------------|---------------|
| 101100804270010 | 8 | 1,960 | Galvanized | sZ | 41.4 | 25.2 | Dry | 23.5 | 2 |
| 101100904270010 | 9 | 1,960 | Galvanized | sZ | 52.4 | 31.8 | Dry | 29.7 | 2 |
| 101101004270010 | 10 | 1,960 | Galvanized | sZ | 64.7 | 39.3 | Dry | 36.7 | 2 |
| 101101104270010 | 11 | 1,960 | Galvanized | sZ | 78.3 | 47.6 | Dry | 44.4 | 2 |
| 101101204270010 | 12 | 1,960 | Galvanized | sZ | 93.1 | 56.6 | Dry | 52.8 | 2 |
| 101101304270010 | 13 | 1,960 | Galvanized | sZ | 109 | 66.4 | Dry | 62 | 2 |
| 101101404270010 | 14 | 1,960 | Galvanized | sZ | 127 | 77 | Dry | 71.9 | 2 |
| 101101504270010 | 15 | 1,960 | Galvanized | sZ | 146 | 88.4 | Dry | 82.6 | 2 |
| 101101604270010 | 16 | 1,960 | Galvanized | sZ | 166 | 101 | Dry | 94 | 2 |
| 101101704270010 | 17 | 1,960 | Galvanized | sZ | 187 | 114 | Dry | 106 | 2 |
| 101101804270010 | 18 | 1,960 | Galvanized | sZ | 210 | 127.3 | Dry | 119 | 2 |
| 101101904270010 | 19 | 1,960 | Galvanized | sZ | 233 | 142 | Dry | 132 | 7 |
| 101102004270010 | 20 | 1,960 | Galvanized | sZ | 259 | 157 | Dry | 147 | 2 |
| 101102204270010 | 22 | 1,960 | Galvanized | sZ | 313 | 190 | Dry | 178 | 2 |
| 101102404270010 | 24 | 1,960 | Galvanized | sZ | 373 | 226 | Dry | 211 | 2 |
| 101102604270010 | 26 | 1,960 | Galvanized | sZ | 437 | 266 | Dry | 248 | 2 |
| 101102804270010 | 28 | 1,960 | Galvanized | sZ | 507 | 308 | Dry | 288 | 2 |
| 101103004270010 | 30 | 1,960 | Galvanized | sZ | 582 | 354 | Dry | 330 | 2 |
| 101103204270010 | 32 | 1,960 | Galvanized | sZ | 662 | 402 | Dry | 376 | 2 |
| 101103604270010 | 36 | 1,960 | Galvanized | sZ | 838 | 509 | Dry | 476 | 2 |
| 101103804270010 | 38 | 1,960 | Galvanized | sZ | 934 | 567 | Dry | 530 | 7 |