



General use



Overhead cranes



Slings



## Steel Wire Rope ROPETEX S16 6x36WS-FC

### 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<br>N/mm <sup>2</sup> | Steel area<br>mm <sup>2</sup> | Min. Breaking force,<br>kN | Finish     | Rope lay. | Weight<br>kg/100m |
|-----------------|----------------|---------------------------------------|-------------------------------|----------------------------|------------|-----------|-------------------|
| 101100804270011 | 8              | 1,960                                 | 25.2                          | 41.4                       | Galvanized | sZ        | 23.5              |
| 101100804270010 | 8              | 1,960                                 | 25.2                          | 41.4                       | Galvanized | sZ        | 23.5              |
| 101100904270011 | 9              | 1,960                                 | 31.8                          | 52.4                       | Galvanized | sZ        | 29.7              |
| 101100904270010 | 9              | 1,960                                 | 31.8                          | 52.4                       | Galvanized | sZ        | 29.7              |
| 101101004270011 | 10             | 1,960                                 | 39.3                          | 64.7                       | Galvanized | sZ        | 36.7              |
| 101101004270010 | 10             | 1,960                                 | 39.3                          | 64.7                       | Galvanized | sZ        | 36.7              |
| 101101104270011 | 11             | 1,960                                 | 47.6                          | 78.3                       | Galvanized | sZ        | 44.4              |
| 101101104270010 | 11             | 1,960                                 | 47.6                          | 78.3                       | Galvanized | sZ        | 44.4              |
| 101101204270011 | 12             | 1,960                                 | 56.6                          | 93.1                       | Galvanized | sZ        | 52.8              |
| 101101204270010 | 12             | 1,960                                 | 56.6                          | 93.1                       | Galvanized | sZ        | 52.8              |
| 101101304270011 | 13             | 1,960                                 | 66.4                          | 109                        | Galvanized | sZ        | 62                |
| 101101304270010 | 13             | 1,960                                 | 66.4                          | 109                        | Galvanized | sZ        | 62                |
| 101101404270011 | 14             | 1,960                                 | 77                            | 127                        | Galvanized | sZ        | 71.9              |
| 101101404270010 | 14             | 1,960                                 | 77                            | 127                        | Galvanized | sZ        | 71.9              |
| 101101504270011 | 15             | 1,960                                 | 88.4                          | 146                        | Galvanized | sZ        | 82.6              |
| 101101504270010 | 15             | 1,960                                 | 88.4                          | 146                        | Galvanized | sZ        | 82.6              |
| 101101604270011 | 16             | 1,960                                 | 101                           | 166                        | Galvanized | sZ        | 94                |
| 101101604270010 | 16             | 1,960                                 | 101                           | 166                        | Galvanized | sZ        | 94                |
| 101101704270011 | 17             | 1,960                                 | 114                           | 187                        | Galvanized | sZ        | 106               |
| 101101704270010 | 17             | 1,960                                 | 114                           | 187                        | Galvanized | sZ        | 106               |
| 101101804270011 | 18             | 1,960                                 | 127.3                         | 210                        | Galvanized | sZ        | 119               |

|                 |    |       |       |     |            |    |     |
|-----------------|----|-------|-------|-----|------------|----|-----|
| 101101804270010 | 18 | 1,960 | 127.3 | 210 | Galvanized | sZ | 119 |
| 101101904270011 | 19 | 1,960 | 142   | 233 | Galvanized | sZ | 132 |
| 101101904270010 | 19 | 1,960 | 142   | 233 | Galvanized | sZ | 132 |
| 101102004270011 | 20 | 1,960 | 157   | 259 | Galvanized | sZ | 147 |
| 101102004270010 | 20 | 1,960 | 157   | 259 | Galvanized | sZ | 147 |
| 101102204270011 | 22 | 1,960 | 190   | 313 | Galvanized | sZ | 178 |
| 101102204270010 | 22 | 1,960 | 190   | 313 | Galvanized | sZ | 178 |
| 101102404270011 | 24 | 1,960 | 226   | 373 | Galvanized | sZ | 211 |
| 101102404270010 | 24 | 1,960 | 226   | 373 | Galvanized | sZ | 211 |
| 101102403270011 | 24 | 1,960 | -     | -   | Galvanized | zS | -   |
| 101102604270011 | 26 | 1,960 | 266   | 437 | Galvanized | sZ | 248 |
| 101102604270010 | 26 | 1,960 | 266   | 437 | Galvanized | sZ | 248 |
| 101102804270011 | 28 | 1,960 | 308   | 507 | Galvanized | sZ | 288 |
| 101102804270010 | 28 | 1,960 | 308   | 507 | Galvanized | sZ | 288 |
| 101103004270011 | 30 | 1,960 | 354   | 582 | Galvanized | sZ | 330 |
| 101103004270010 | 30 | 1,960 | 354   | 582 | Galvanized | sZ | 330 |
| 101103204270011 | 32 | 1,960 | 402   | 662 | Galvanized | sZ | 376 |
| 101103204270010 | 32 | 1,960 | 402   | 662 | Galvanized | sZ | 376 |
| 101103604270011 | 36 | 1,960 | 509   | 838 | Galvanized | sZ | 476 |
| 101103604270010 | 36 | 1,960 | 509   | 838 | Galvanized | sZ | 476 |
| 101103804270011 | 38 | 1,960 | 567   | 934 | Galvanized | sZ | 530 |
| 101103804270010 | 38 | 1,960 | 567   | 934 | Galvanized | sZ | 530 |