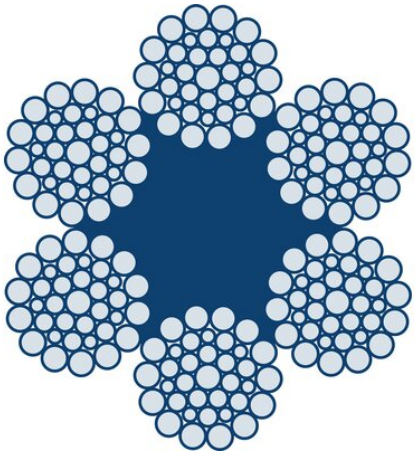
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# Steel wire rope 6x36WS-FC

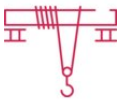
**Product information**



General use



Overhead cranes



Slings





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);

... *Read more*

**Rope construction:** 6x36WS-FC
**Marking:** According to standard
**Temperature range:** -40°C up to +100°C
**Standard:** EN 12385-4, AS 3569

**Fill factor:** 0,5
**RCN:** 09

**Forankra Polska**
office@forankra.pl
+48 91 418 25 91

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# Steel wire rope 6x36WS-FC

## Technical data

| Part code | Rope diameter mm | Tensile strength N/mm² | Finish | Rope lay | Min. breaking force kN | Steel area mm² | Lubrication | Weight kg/100m |
|---|---|---|---|---|---|---|---|---|
| 101100804270011 | 8 | 1,960 | Galvanized | sZ | 41.4 | 25.2 | A-1 | 23.5 |
| 101100804270010 | 8 | 1,960 | Galvanized | sZ | 41.4 | 25.2 | Dry | 23.5 |
| 101100904270011 | 9 | 1,960 | Galvanized | sZ | 52.4 | 31.8 | A-1 | 29.7 |
| 101100904270010 | 9 | 1,960 | Galvanized | sZ | 52.4 | 31.8 | Dry | 29.7 |
| 101101004270011 | 10 | 1,960 | Galvanized | sZ | 64.7 | 39.3 | A-1 | 36.7 |
| 101101004270010 | 10 | 1,960 | Galvanized | sZ | 64.7 | 39.3 | Dry | 36.7 |
| 101101104270011 | 11 | 1,960 | Galvanized | sZ | 78.3 | 47.6 | A-1 | 44.4 |
| 101101104270010 | 11 | 1,960 | Galvanized | sZ | 78.3 | 47.6 | Dry | 44.4 |
| 101101204270011 | 12 | 1,960 | Galvanized | sZ | 93.1 | 56.6 | A-1 | 52.8 |
| 101101204270010 | 12 | 1,960 | Galvanized | sZ | 93.1 | 56.6 | Dry | 52.8 |
| 101101304270011 | 13 | 1,960 | Galvanized | sZ | 109 | 66.4 | A-1 | 62 |
| 101101304270010 | 13 | 1,960 | Galvanized | sZ | 109 | 66.4 | Dry | 62 |
| 101101404270011 | 14 | 1,960 | Galvanized | sZ | 127 | 77 | A-1 | 71.9 |
| 101101404270010 | 14 | 1,960 | Galvanized | sZ | 127 | 77 | Dry | 71.9 |
| 101101504270011 | 15 | 1,960 | Galvanized | sZ | 146 | 88.4 | A-1 | 82.6 |
| 101101504270010 | 15 | 1,960 | Galvanized | sZ | 146 | 88.4 | Dry | 82.6 |
| 101101604270011 | 16 | 1,960 | Galvanized | sZ | 166 | 101 | A-1 | 94 |
| 101101604270010 | 16 | 1,960 | Galvanized | sZ | 166 | 101 | Dry | 94 |
| 101101704270011 | 17 | 1,960 | Galvanized | sZ | 187 | 114 | A-1 | 106 |
| 101101704270010 | 17 | 1,960 | Galvanized | sZ | 187 | 114 | Dry | 106 |
| 101101804270011 | 18 | 1,960 | Galvanized | sZ | 210 | 127.3 | A-1 | 119 |
| 101101804270010 | 18 | 1,960 | Galvanized | sZ | 210 | 127.3 | Dry | 119 |
| 101101904270011 | 19 | 1,960 | Galvanized | sZ | 233 | 142 | A-1 | 132 |
| 101101904270010 | 19 | 1,960 | Galvanized | sZ | 233 | 142 | Dry | 132 |
| 101102004270011 | 20 | 1,960 | Galvanized | sZ | 259 | 157 | A-1 | 147 |
| 101102004270010 | 20 | 1,960 | Galvanized | sZ | 259 | 157 | Dry | 147 |
| 101102204270011 | 22 | 1,960 | Galvanized | sZ | 313 | 190 | A-1 | 178 |
| 101102204270010 | 22 | 1,960 | Galvanized | sZ | 313 | 190 | Dry | 178 |
| 101102404270011 | 24 | 1,960 | Galvanized | sZ | 373 | 226 | A-1 | 211 |
| 101102404270010 | 24 | 1,960 | Galvanized | sZ | 373 | 226 | Dry | 211 |
| 101102604270011 | 26 | 1,960 | Galvanized | sZ | 437 | 266 | A-1 | 248 |

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office@forankra.pl
+48 91 418 25 91

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# Steel wire rope 6x36WS-FC

## Technical data

| Part code | Rope diameter mm | Tensile strength N/mm² | Finish | Rope lay | Min. breaking force kN | Steel area mm² | Lubrication | Weight kg/100m |
|---|---|---|---|---|---|---|---|---|
| 101102604270010 | 26 | 1,960 | Galvanized | sZ | 437 | 266 | Dry | 248 |
| 101102804270011 | 28 | 1,960 | Galvanized | sZ | 507 | 308 | A-1 | 288 |
| 101102804270010 | 28 | 1,960 | Galvanized | sZ | 507 | 308 | Dry | 288 |
| 101103004270011 | 30 | 1,960 | Galvanized | sZ | 582 | 354 | A-1 | 330 |
| 101103004270010 | 30 | 1,960 | Galvanized | sZ | 582 | 354 | Dry | 330 |
| 101103204270011 | 32 | 1,960 | Galvanized | sZ | 662 | 402 | A-1 | 376 |
| 101103204270010 | 32 | 1,960 | Galvanized | sZ | 662 | 402 | Dry | 376 |
| 101103604270011 | 36 | 1,960 | Galvanized | sZ | 838 | 509 | A-1 | 476 |
| 101103604270010 | 36 | 1,960 | Galvanized | sZ | 838 | 509 | Dry | 476 |
| 101103804270011 | 38 | 1,960 | Galvanized | sZ | 934 | 567 | A-1 | 530 |
| 101103804270010 | 38 | 1,960 | Galvanized | sZ | 934 | 567 | Dry | 530 |

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