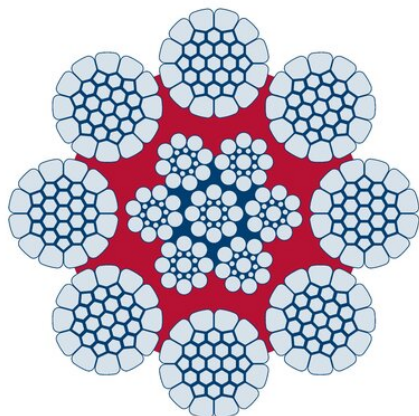


Steel Wire Rope Ropetex PERFORM 8CP

Product information



ROPETEX



Ropetex PERFORM 8CP is a high-quality steel wire rope consisting of eight strands. The outer strands are compacted, and the core is separated from the outer strands by a plastic layer, reducing internal stress and giving it an excellent service life. Ropetex PERFORM 8CP is not rotation resistant.

Key product benefits

- Excellent lifetime
- Suitable for multi-layer drum spooling
- Very resistant against crushing
- Very abrasion resistant
- High breaking load (MBL)
- Plastic layer to reduce internal friction and stress while protecting the core

Main applications

- Hoist rope
- Auxiliary hoist rope
- Boom Hoist rope
- Luffing rope
- Trolley rope
- Pendant rope
- Grab rope

Rope Category Numbers acc. to ISO4309:2017

- Ø 8 mm to 14 mm: RCN 04
- Ø 15 mm to 39 mm: RCN 09
- Ø 40 mm to 48 mm: RCN 11

... [Read more](#)

Marking: According to standard

Temperature range: -40°C up to +60°C with standard lubricant

Standard: EN 12385-4

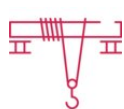
Fill factor: 0,664

Tolerance Ø: +2% to +4%

Container crane



Overhead cranes



Truck crane



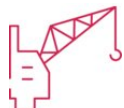
Offshore crane



Deck crane



Harbour mobile crane



Ladle crane



STS crane



Straddle carrier



RTG



Steel Wire Rope Ropetex PERFORM 8CP

Technical data

| Part code | Rope diameter mm | Tensile strength N/mm ² | Finish | Rope lay | Min. breaking force kN | Steel area mm ² | Lubrication | Weight kg/100m | CO ₂ e |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|-------------|-------------------|-------------------|
| 103100803270012 | 8 | 1,960 | Galvanized | zS | 57.4 | 33.3 | A-2 | 29 | 1.21 |
| 103100804270012 | 8 | 1,960 | Galvanized | sZ | 57.4 | 33.3 | A-2 | 29 | 1.21 |
| 103100804270013 | 8 | 1,960 | Galvanized | sZ | 57.4 | 33.3 | A-3 | 29 | 1.21 |
| 103100803270013 | 8 | 1,960 | Galvanized | zS | 57.4 | 33.3 | A-3 | 29 | 1.21 |
| 103100903270012 | 9 | 1,960 | Galvanized | zS | 72.4 | 42.2 | A-2 | 36 | 1.5 |
| 103100904270012 | 9 | 1,960 | Galvanized | sZ | 72.4 | 42.2 | A-2 | 36 | 1.5 |
| 103100904270013 | 9 | 1,960 | Galvanized | sZ | 72.4 | 42.2 | A-3 | 36 | 1.5 |
| 103100903270013 | 9 | 1,960 | Galvanized | zS | 72.4 | 42.2 | A-3 | 36 | 1.5 |
| 103101003270012 | 10 | 1,960 | Galvanized | zS | 89.5 | 52.1 | A-2 | 45 | 1.87 |
| 103101004270012 | 10 | 1,960 | Galvanized | sZ | 89.5 | 52.1 | A-2 | 45 | 1.87 |
| 103101004270013 | 10 | 1,960 | Galvanized | sZ | 89.5 | 52.1 | A-3 | 45 | 1.87 |
| 103101003270013 | 10 | 1,960 | Galvanized | zS | 89.5 | 52.1 | A-3 | 45 | 1.87 |
| 103101103270012 | 11 | 1,960 | Galvanized | zS | 107.6 | 63 | A-2 | 55 | 2.29 |
| 103101104270012 | 11 | 1,960 | Galvanized | sZ | 107.6 | 63 | A-2 | 55 | 2.29 |
| 103101104270013 | 11 | 1,960 | Galvanized | sZ | 107.6 | 63 | A-3 | 55 | 2.29 |
| 103101103270013 | 11 | 1,960 | Galvanized | zS | 107.6 | 63 | A-3 | 55 | 2.29 |
| 103101203270012 | 12 | 1,960 | Galvanized | zS | 128.1 | 75 | A-2 | 65 | 2.7 |
| 103101204270012 | 12 | 1,960 | Galvanized | sZ | 128.1 | 75 | A-2 | 65 | 2.7 |
| 103101204270013 | 12 | 1,960 | Galvanized | sZ | 128.1 | 75 | A-3 | 65 | 2.7 |
| 103101203270013 | 12 | 1,960 | Galvanized | zS | 128.1 | 75 | A-3 | 65 | 2.7 |
| 103101303270012 | 13 | 1,960 | Galvanized | zS | 150.7 | 88 | A-2 | 76 | 3.16 |
| 103101304270012 | 13 | 1,960 | Galvanized | sZ | 150.7 | 88 | A-2 | 76 | 3.16 |
| 103101304270013 | 13 | 1,960 | Galvanized | sZ | 150.7 | 88 | A-3 | 76 | 3.16 |
| 103101303270013 | 13 | 1,960 | Galvanized | zS | 150.7 | 88 | A-3 | 76 | 3.16 |
| 103101403270012 | 14 | 1,960 | Galvanized | zS | 174.3 | 102.1 | A-2 | 89 | 3.7 |
| 103101404270012 | 14 | 1,960 | Galvanized | sZ | 174.3 | 102.1 | A-2 | 89 | 3.7 |
| 103101404270013 | 14 | 1,960 | Galvanized | sZ | 174.3 | 102.1 | A-3 | 89 | 3.7 |
| 103101403270013 | 14 | 1,960 | Galvanized | zS | 174.3 | 102.1 | A-3 | 89 | 3.7 |
| 103101503270012 | 15 | 1,960 | Galvanized | zS | 201.4 | 117.2 | A-2 | 102 | 4.24 |
| 103101504270012 | 15 | 1,960 | Galvanized | sZ | 201.4 | 117.2 | A-2 | 102 | 4.24 |
| 103101504270013 | 15 | 1,960 | Galvanized | sZ | 201.4 | 117.2 | A-3 | 102 | 4.24 |

Steel Wire Rope Ropetex PERFORM 8CP

Technical data

| Part code | Rope diameter mm | Tensile strength N/mm ² | Finish | Rope lay | Min. breaking force kN | Steel area mm ² | Lubrication | Weight kg/100m | CO ₂ e |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|-------------|-------------------|-------------------|
| 103101503270013 | 15 | 1,960 | Galvanized | zS | 201.4 | 117.2 | A-3 | 102 | 4.24 |
| 103101603270012 | 16 | 1,960 | Galvanized | zS | 228.8 | 133.4 | A-2 | 116 | 4.82 |
| 103101604270012 | 16 | 1,960 | Galvanized | sZ | 228.8 | 133.4 | A-2 | 116 | 4.82 |
| 103101604270013 | 16 | 1,960 | Galvanized | sZ | 228.8 | 133.4 | A-3 | 116 | 4.82 |
| 103101603270013 | 16 | 1,960 | Galvanized | zS | 228.8 | 133.4 | A-3 | 116 | 4.82 |
| 103101803270012 | 18 | 1,960 | Galvanized | zS | 289.8 | 168.8 | A-2 | 147 | 6.11 |
| 103101804270012 | 18 | 1,960 | Galvanized | sZ | 289.8 | 168.8 | A-2 | 147 | 6.11 |
| 103101804270013 | 18 | 1,960 | Galvanized | sZ | 289.8 | 168.8 | A-3 | 147 | 6.11 |
| 103101803270013 | 18 | 1,960 | Galvanized | zS | 289.8 | 168.8 | A-3 | 147 | 6.11 |
| 103101903270012 | 19 | 1,960 | Galvanized | zS | 323.4 | 188.1 | A-2 | 165 | 6.86 |
| 103101904270012 | 19 | 1,960 | Galvanized | sZ | 323.4 | 188.1 | A-2 | 165 | 6.86 |
| 103101904270013 | 19 | 1,960 | Galvanized | sZ | 323.4 | 188.1 | A-3 | 165 | 6.86 |
| 103101903270013 | 19 | 1,960 | Galvanized | zS | 323.4 | 188.1 | A-3 | 165 | 6.86 |
| 103102003270012 | 20 | 1,960 | Galvanized | zS | 358 | 208.4 | A-2 | 182 | 7.56 |
| 103102004270012 | 20 | 1,960 | Galvanized | sZ | 358 | 208.4 | A-2 | 182 | 7.56 |
| 103102004270013 | 20 | 1,960 | Galvanized | sZ | 358 | 208.4 | A-3 | 182 | 7.56 |
| 103102003270013 | 20 | 1,960 | Galvanized | zS | 358 | 208.4 | A-3 | 182 | 7.56 |
| 103102203270012 | 22 | 1,960 | Galvanized | zS | 432.4 | 252.2 | A-2 | 220 | 9.14 |
| 103102204270012 | 22 | 1,960 | Galvanized | sZ | 432.4 | 252.2 | A-2 | 220 | 9.14 |
| 103102204270013 | 22 | 1,960 | Galvanized | sZ | 432.4 | 252.2 | A-3 | 220 | 9.14 |
| 103102203270013 | 22 | 1,960 | Galvanized | zS | 432.4 | 252.2 | A-3 | 220 | 9.14 |
| 103102403270012 | 24 | 1,960 | Galvanized | zS | 514.6 | 301.1 | A-2 | 261 | 10.85 |
| 103102404270012 | 24 | 1,960 | Galvanized | sZ | 514.6 | 301.1 | A-2 | 261 | 10.85 |
| 103102404270013 | 24 | 1,960 | Galvanized | sZ | 514.6 | 301.1 | A-3 | 261 | 10.85 |
| 103102403270013 | 24 | 1,960 | Galvanized | zS | 514.6 | 301.1 | A-3 | 261 | 10.85 |
| 103102503270012 | 25 | 1,960 | Galvanized | zS | 568.4 | 325.6 | A-2 | 284 | 11.8 |
| 103102504270012 | 25 | 1,960 | Galvanized | sZ | 568.4 | 325.6 | A-2 | 284 | 11.8 |
| 103102504270013 | 25 | 1,960 | Galvanized | sZ | 568.4 | 325.6 | A-3 | 284 | 11.8 |
| 103102503270013 | 25 | 1,960 | Galvanized | zS | 568.4 | 325.6 | A-3 | 284 | 11.8 |
| 103102603270012 | 26 | 1,960 | Galvanized | zS | 603.9 | 352.2 | A-2 | 332 | 13.8 |
| 103102604270012 | 26 | 1,960 | Galvanized | sZ | 603.9 | 352.2 | A-2 | 332 | 13.8 |

Steel Wire Rope Ropetex PERFORM 8CP

Technical data

| Part code | Rope diameter mm | Tensile strength N/mm ² | Finish | Rope lay | Min. breaking force kN | Steel area mm ² | Lubrication | Weight kg/100m | CO ₂ e |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|-------------|-------------------|-------------------|
| 103102604270013 | 26 | 1,960 | Galvanized | sZ | 603.9 | 352.2 | A-3 | 332 | 13.8 |
| 103102603270013 | 26 | 1,960 | Galvanized | zS | 603.9 | 352.2 | A-3 | 332 | 13.8 |
| 103102803270012 | 28 | 1,960 | Galvanized | zS | 700.4 | 408.5 | A-2 | 355 | 14.75 |
| 103102804270012 | 28 | 1,960 | Galvanized | sZ | 700.4 | 408.5 | A-2 | 355 | 14.75 |
| 103102804270013 | 28 | 1,960 | Galvanized | sZ | 700.4 | 408.5 | A-3 | 355 | 14.75 |
| 103102803270013 | 28 | 1,960 | Galvanized | zS | 700.4 | 408.5 | A-3 | 355 | 14.75 |
| 103103003270012 | 30 | 1,960 | Galvanized | zS | 803.9 | 468.9 | A-2 | 410 | 17.04 |
| 103103004270012 | 30 | 1,960 | Galvanized | sZ | 803.9 | 468.9 | A-2 | 410 | 17.04 |
| 103103004270013 | 30 | 1,960 | Galvanized | sZ | 803.9 | 468.9 | A-3 | 410 | 17.04 |
| 103103003270013 | 30 | 1,960 | Galvanized | zS | 803.9 | 468.9 | A-3 | 410 | 17.04 |
| 103103203270012 | 32 | 1,960 | Galvanized | zS | 915.5 | 533.5 | A-2 | 465 | 19.32 |
| 103103204270012 | 32 | 1,960 | Galvanized | sZ | 915.5 | 533.5 | A-2 | 465 | 19.32 |
| 103103204270013 | 32 | 1,960 | Galvanized | sZ | 915.5 | 533.5 | A-3 | 465 | 19.32 |
| 103103203270013 | 32 | 1,960 | Galvanized | zS | 915.5 | 533.5 | A-3 | 465 | 19.32 |
| 103103403270012 | 34 | 1,960 | Galvanized | zS | 1,033.3 | 602.3 | A-2 | 552 | 22.94 |
| 103103404270012 | 34 | 1,960 | Galvanized | sZ | 1,033.3 | 602.3 | A-2 | 552 | 22.94 |
| 103103404270013 | 34 | 1,960 | Galvanized | sZ | 1,033.3 | 602.3 | A-3 | 552 | 22.94 |
| 103103403270013 | 34 | 1,960 | Galvanized | zS | 1,033.3 | 602.3 | A-3 | 552 | 22.94 |
| 103103603270012 | 36 | 1,960 | Galvanized | zS | 1,159.2 | 675.2 | A-2 | 588 | 24.44 |
| 103103604270012 | 36 | 1,960 | Galvanized | sZ | 1,159.2 | 675.2 | A-2 | 588 | 24.44 |
| 103103604270013 | 36 | 1,960 | Galvanized | sZ | 1,159.2 | 675.2 | A-3 | 588 | 24.44 |
| 103103603270013 | 36 | 1,960 | Galvanized | zS | 1,159.2 | 675.2 | A-3 | 588 | 24.44 |
| 103103803270012 | 38 | 1,960 | Galvanized | zS | 1,290.1 | 752.3 | A-2 | 656 | 27.26 |
| 103103804270012 | 38 | 1,960 | Galvanized | sZ | 1,290.1 | 752.3 | A-2 | 656 | 27.26 |
| 103103804270013 | 38 | 1,960 | Galvanized | sZ | 1,290.1 | 752.3 | A-3 | 656 | 27.26 |
| 103103803270013 | 38 | 1,960 | Galvanized | zS | 1,290.1 | 752.3 | A-3 | 656 | 27.26 |
| 103104003270012 | 40 | 1,960 | Galvanized | zS | 1,431.2 | 833.6 | A-2 | 726 | 30.17 |
| 103104004270012 | 40 | 1,960 | Galvanized | sZ | 1,431.2 | 833.6 | A-2 | 726 | 30.17 |
| 103104004270013 | 40 | 1,960 | Galvanized | sZ | 1,431.2 | 833.6 | A-3 | 726 | 30.17 |
| 103104003270013 | 40 | 1,960 | Galvanized | zS | 1,431.2 | 833.6 | A-3 | 726 | 30.17 |
| 103104203270012 | 42 | 1,960 | Galvanized | zS | 1,577.3 | 919.1 | A-2 | 800 | 33.25 |

Steel Wire Rope Ropetex PERFORM 8CP

Technical data

| Part code | Rope diameter mm | Tensile strength N/mm ² | Finish | Rope lay | Min. breaking force kN | Steel area mm ² | Lubrication | Weight kg/100m | CO ₂ e |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|-------------|-------------------|-------------------|
| 103104204270012 | 42 | 1,960 | Galvanized | sZ | 1,577.3 | 919.1 | A-2 | 800 | 33.25 |
| 103104204270013 | 42 | 1,960 | Galvanized | sZ | 1,577.3 | 919.1 | A-3 | 800 | 33.25 |
| 103104203270013 | 42 | 1,960 | Galvanized | zS | 1,577.3 | 919.1 | A-3 | 800 | 33.25 |
| 103104403270012 | 44 | 1,960 | Galvanized | zS | 1,730.6 | 1,008.7 | A-2 | 880 | 36.57 |
| 103104404270012 | 44 | 1,960 | Galvanized | sZ | 1,730.6 | 1,008.7 | A-2 | 880 | 36.57 |
| 103104404270013 | 44 | 1,960 | Galvanized | sZ | 1,730.6 | 1,008.7 | A-3 | 880 | 36.57 |
| 103104403270013 | 44 | 1,960 | Galvanized | zS | 1,730.6 | 1,008.7 | A-3 | 880 | 36.57 |
| 103104603270012 | 46 | 1,960 | Galvanized | zS | 1,892 | 1,102.4 | A-2 | 961 | 39.94 |
| 103104604270012 | 46 | 1,960 | Galvanized | sZ | 1,892 | 1,102.4 | A-2 | 961 | 39.94 |
| 103104604270013 | 46 | 1,960 | Galvanized | sZ | 1,892 | 1,102.4 | A-3 | 961 | 39.94 |
| 103104603270013 | 46 | 1,960 | Galvanized | zS | 1,892 | 1,102.4 | A-3 | 961 | 39.94 |
| 103104803270012 | 48 | 1,960 | Galvanized | zS | 2,060.5 | 1,200.4 | A-2 | 1,050 | 43.63 |
| 103104804270012 | 48 | 1,960 | Galvanized | sZ | 2,060.5 | 1,200.4 | A-2 | 1,050 | 43.63 |
| 103104804270013 | 48 | 1,960 | Galvanized | sZ | 2,060.5 | 1,200.4 | A-3 | 1,050 | 43.63 |
| 103104803270013 | 48 | 1,960 | Galvanized | zS | 2,060.5 | 1,200.4 | A-3 | 1,050 | 43.63 |