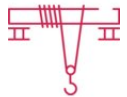


Overhead cranes

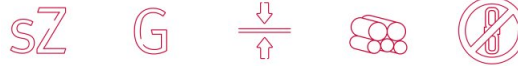


Ladle crane



Steel Wire Rope verosteel 8

Product information



Wire rope construction: verosteel 8 is 8-strand non-rotation-resistant rope with compacted outer strands.

Features:

- Intensive lubricated and produced either in galvanized or in ungalvanized wires.
- Provides excellent spooling behavior on multilayer drum.
- Very flexible rope construction with high abrasion resistance and good service life.
- Recommended in application with high environment temperature.

ISO 4309

Rope Category No: Up to 42mm **RCN.09**, 43-48mm **RCN.11**, > 48mm **RCN.13**.

Marking: According to standard

Standard: EN 12385-4

Warning: verosteel 8 may not be used with a swivel.

Fill factor: 0.702

RCN: 09

Tolerance Ø: +2% to +4%

| Part Code | Rope Diameter, mm | Tensile strength N/mm ² | Steel area mm ² | Min. Breaking force, kN | Finish | Rope lay. | Weight kg/100m | Delivery time |
|-----------------|-------------------|------------------------------------|----------------------------|-------------------------|------------|-----------|----------------|---------------|
| 103101604070329 | 16 | 1,960 | 141 | 235.1 | Bright | sZ | 116 | 10 |
| 103101604270329 | 16 | 1,960 | 141 | 235.1 | Galvanized | sZ | 116 | 10 |
| 103101604100329 | 16 | 2,160 | 141 | 254.4 | Bright | sZ | 116 | 10 |
| 103101604300329 | 16 | 2,160 | 141 | 254.4 | Galvanized | sZ | 116 | 10 |

| | | | | | | | | |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 103101704070329 | 17 | 1,960 | 159 | 265.5 | Bright | sZ | 132 | 10 |
| 103101704270329 | 17 | 1,960 | 159 | 265.5 | Galvanized | sZ | 132 | 10 |
| 103101704100329 | 17 | 2,160 | 159 | 287.2 | Bright | sZ | 132 | 10 |
| 103101704300329 | 17 | 2,160 | 159 | 287.2 | Galvanized | sZ | 132 | 10 |
| 103101804070329 | 18 | 1,960 | 179 | 297.6 | Bright | sZ | 147 | 10 |
| 103101804270329 | 18 | 1,960 | 179 | 297.6 | Galvanized | sZ | 147 | 10 |
| 103101804100329 | 18 | 2,160 | 179 | 322 | Bright | sZ | 147 | 10 |
| 103101804300329 | 18 | 2,160 | 179 | 322 | Galvanized | sZ | 147 | 10 |
| 103101904070329 | 19 | 1,960 | 199 | 331.6 | Bright | sZ | 164 | 10 |
| 103101904270329 | 19 | 1,960 | 199 | 331.6 | Galvanized | sZ | 164 | 10 |
| 103101904100329 | 19 | 2,160 | 199 | 358.7 | Bright | sZ | 164 | 10 |
| 103101904300329 | 19 | 2,160 | 199 | 358.7 | Galvanized | sZ | 164 | 10 |
| 103102004070329 | 20 | 1,960 | 221 | 367.4 | Bright | sZ | 182 | 10 |
| 103102004270329 | 20 | 1,960 | 221 | 367.4 | Galvanized | sZ | 182 | 10 |
| 103102004100329 | 20 | 2,160 | 221 | 397.5 | Bright | sZ | 182 | 10 |
| 103102004300329 | 20 | 2,160 | 221 | 397.5 | Galvanized | sZ | 182 | 10 |
| 103102104070329 | 21 | 1,960 | 243 | 405.1 | Bright | sZ | 201 | 10 |
| 103102104270329 | 21 | 1,960 | 243 | 405.1 | Galvanized | sZ | 201 | 10 |
| 103102104100329 | 21 | 2,160 | 243 | 438.2 | Bright | sZ | 201 | 10 |
| 103102104300329 | 21 | 2,160 | 243 | 438.2 | Galvanized | sZ | 201 | 10 |
| 103102204070329 | 22 | 1,960 | 267 | 444.6 | Bright | sZ | 220 | 10 |
| 103102204270329 | 22 | 1,960 | 267 | 444.6 | Galvanized | sZ | 220 | 10 |
| 103102204100329 | 22 | 2,160 | 267 | 481 | Bright | sZ | 220 | 10 |

| | | | | | | | | |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 103102204300329 | 22 | 2,160 | 267 | 481 | Galvanized | sZ | 220 | 10 |
| 103102304070329 | 23 | 1,960 | 292 | 485.9 | Bright | sZ | 241 | 10 |
| 103102304270329 | 23 | 1,960 | 292 | 485.9 | Galvanized | sZ | 241 | 10 |
| 103102304100329 | 23 | 2,160 | 292 | 525.7 | Bright | sZ | 241 | 10 |
| 103102304300329 | 23 | 2,160 | 292 | 525.7 | Galvanized | sZ | 241 | 10 |
| 103102404070329 | 24 | 1,960 | 318 | 529.1 | Bright | sZ | 262 | 10 |
| 103102404270329 | 24 | 1,960 | 318 | 529.1 | Galvanized | sZ | 262 | 10 |
| 103102404100329 | 24 | 2,160 | 318 | 572.4 | Bright | sZ | 262 | 10 |
| 103102404300329 | 24 | 2,160 | 318 | 572.4 | Galvanized | sZ | 262 | 10 |
| 103102504070329 | 25 | 1,960 | 345 | 574.1 | Bright | sZ | 284 | 10 |
| 103102504270329 | 25 | 1,960 | 345 | 574.1 | Galvanized | sZ | 284 | 10 |
| 103102504100329 | 25 | 2,160 | 345 | 621.1 | Bright | sZ | 284 | 10 |
| 103102504300329 | 25 | 2,160 | 345 | 621.1 | Galvanized | sZ | 284 | 10 |
| 103102604070329 | 26 | 1,960 | 373 | 620.9 | Bright | sZ | 308 | 10 |
| 103102604270329 | 26 | 1,960 | 373 | 620.9 | Galvanized | sZ | 308 | 10 |
| 103102604100329 | 26 | 2,160 | 373 | 671.7 | Bright | sZ | 308 | 10 |
| 103102604300329 | 26 | 2,160 | 373 | 671.7 | Galvanized | sZ | 308 | 10 |
| 103102704070329 | 27 | 1,960 | 402 | 669.6 | Bright | sZ | 332 | 10 |
| 103102704270329 | 27 | 1,960 | 402 | 669.6 | Galvanized | sZ | 332 | 10 |
| 103102704100329 | 27 | 2,160 | 402 | 724.4 | Bright | sZ | 332 | 10 |
| 103102704300329 | 27 | 2,160 | 402 | 724.4 | Galvanized | sZ | 332 | 10 |
| 103102804070329 | 28 | 1,960 | 432 | 720.1 | Bright | sZ | 357 | 10 |
| 103102804270329 | 28 | 1,960 | 432 | 720.1 | Galvanized | sZ | 357 | 10 |

| | | | | | | | | |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 103102804100329 | 28 | 2,160 | 432 | 779.1 | Bright | sZ | 357 | 10 |
| 103102804300329 | 28 | 2,160 | 432 | 779.1 | Galvanized | sZ | 357 | 10 |
| 103102904070329 | 29 | 1,960 | 464 | 772.5 | Bright | sZ | 383 | 10 |
| 103102904270329 | 29 | 1,960 | 464 | 772.5 | Galvanized | sZ | 383 | 10 |
| 103102904100329 | 29 | 2,160 | 464 | 835.7 | Bright | sZ | 383 | 10 |
| 103102904300329 | 29 | 2,160 | 464 | 835.7 | Galvanized | sZ | 383 | 10 |
| 103103004070329 | 30 | 1,960 | 496 | 826.7 | Bright | sZ | 409 | 10 |
| 103103004270329 | 30 | 1,960 | 496 | 826.7 | Galvanized | sZ | 409 | 10 |
| 103103004100329 | 30 | 2,160 | 496 | 894.3 | Bright | sZ | 409 | 10 |
| 103103004300329 | 30 | 2,160 | 496 | 894.3 | Galvanized | sZ | 409 | 10 |
| 103103104070329 | 31 | 1,960 | 530 | 882.7 | Bright | sZ | 437 | 10 |
| 103103104270329 | 31 | 1,960 | 530 | 882.7 | Galvanized | sZ | 437 | 10 |
| 103103104100329 | 31 | 2,160 | 530 | 954.9 | Bright | sZ | 437 | 10 |
| 103103104300329 | 31 | 2,160 | 530 | 954.9 | Galvanized | sZ | 437 | 10 |
| 103103204070329 | 32 | 1,960 | 565 | 940.6 | Bright | sZ | 466 | 10 |
| 103103204270329 | 32 | 1,960 | 565 | 940.6 | Galvanized | sZ | 466 | 10 |
| 103103204100329 | 32 | 2,160 | 565 | 1,018 | Bright | sZ | 466 | 10 |
| 103103204300329 | 32 | 2,160 | 565 | 1,018 | Galvanized | sZ | 466 | 10 |
| 103103304070329 | 33 | 1,960 | 600 | 1,000 | Bright | sZ | 495 | 10 |
| 103103304270329 | 33 | 1,960 | 600 | 1,000 | Galvanized | sZ | 495 | 10 |
| 103103304100329 | 33 | 2,160 | 600 | 1,082 | Bright | sZ | 495 | 10 |
| 103103304300329 | 33 | 2,160 | 600 | 1,082 | Galvanized | sZ | 495 | 10 |
| 103103404070329 | 34 | 1,960 | 637 | 1,062 | Bright | sZ | 526 | 10 |

| | | | | | | | | |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 103103404270329 | 34 | 1,960 | 637 | 1,062 | Galvanized | sZ | 526 | 10 |
| 103103404100329 | 34 | 2,160 | 637 | 1,149 | Bright | sZ | 526 | 10 |
| 103103404300329 | 34 | 2,160 | 637 | 1,149 | Galvanized | sZ | 526 | 10 |
| 103103504070329 | 35 | 1,960 | 675 | 1,125 | Bright | sZ | 557 | 10 |
| 103103504270329 | 35 | 1,960 | 675 | 1,125 | Galvanized | sZ | 557 | 10 |
| 103103504100329 | 35 | 2,160 | 675 | 1,217 | Bright | sZ | 557 | 10 |
| 103103504300329 | 35 | 2,160 | 675 | 1,217 | Galvanized | sZ | 557 | 10 |
| 103103604070329 | 36 | 1,960 | 715 | 1,190 | Bright | sZ | 590 | 10 |
| 103103604270329 | 36 | 1,960 | 715 | 1,190 | Galvanized | sZ | 590 | 10 |
| 103103604100329 | 36 | 2,160 | 715 | 1,288 | Bright | sZ | 590 | 10 |
| 103103604300329 | 36 | 2,160 | 715 | 1,288 | Galvanized | sZ | 590 | 10 |
| 103103704070329 | 37 | 1,960 | 755 | 1,257 | Bright | sZ | 623 | 10 |
| 103103704270329 | 37 | 1,960 | 755 | 1,257 | Galvanized | sZ | 623 | 10 |
| 103103704100329 | 37 | 2,160 | 755 | 1,360 | Bright | sZ | 623 | 10 |
| 103103704300329 | 37 | 2,160 | 755 | 1,360 | Galvanized | sZ | 623 | 10 |
| 103103804070329 | 38 | 1,960 | 796 | 1,326 | Bright | sZ | 657 | 10 |
| 103103804270329 | 38 | 1,960 | 796 | 1,326 | Galvanized | sZ | 657 | 10 |
| 103103804100329 | 38 | 2,160 | 796 | 1,435 | Bright | sZ | 657 | 10 |
| 103103804300329 | 38 | 2,160 | 796 | 1,435 | Galvanized | sZ | 657 | 10 |
| 103103904070329 | 39 | 1,960 | 839 | 1,397 | Bright | sZ | 692 | 10 |
| 103103904270329 | 39 | 1,960 | 839 | 1,397 | Galvanized | sZ | 692 | 10 |
| 103103904100329 | 39 | 2,160 | 839 | 1,511 | Bright | sZ | 692 | 10 |
| 103103904300329 | 39 | 2,160 | 839 | 1,511 | Galvanized | sZ | 692 | 10 |

| | | | | | | | | |
|-----------------|----|-------|-------|-------|------------|----|-----|----|
| 103104004070329 | 40 | 1,960 | 882 | 1,470 | Bright | sZ | 728 | 10 |
| 103104004270329 | 40 | 1,960 | 882 | 1,470 | Galvanized | sZ | 728 | 10 |
| 103104004100329 | 40 | 2,160 | 882 | 1,590 | Bright | sZ | 728 | 10 |
| 103104004300329 | 40 | 2,160 | 882 | 1,590 | Galvanized | sZ | 728 | 10 |
| 103104104070329 | 41 | 1,960 | 927 | 1,544 | Bright | sZ | 765 | 10 |
| 103104104270329 | 41 | 1,960 | 927 | 1,544 | Galvanized | sZ | 765 | 10 |
| 103104104100329 | 41 | 2,160 | 927 | 1,670 | Bright | sZ | 765 | 10 |
| 103104104300329 | 41 | 2,160 | 927 | 1,670 | Galvanized | sZ | 765 | 10 |
| 103104204070329 | 42 | 1,960 | 973 | 1,620 | Bright | sZ | 802 | 10 |
| 103104204270329 | 42 | 1,960 | 973 | 1,620 | Galvanized | sZ | 802 | 10 |
| 103104204100329 | 42 | 2,160 | 973 | 1,753 | Bright | sZ | 802 | 10 |
| 103104204300329 | 42 | 2,160 | 973 | 1,753 | Galvanized | sZ | 802 | 10 |
| 103104304070329 | 43 | 1,960 | 1,019 | 1,698 | Bright | sZ | 841 | 10 |
| 103104304270329 | 43 | 1,960 | 1,019 | 1,698 | Galvanized | sZ | 841 | 10 |
| 103104304100329 | 43 | 2,160 | 1,019 | 1,837 | Bright | sZ | 841 | 10 |
| 103104304300329 | 43 | 2,160 | 1,019 | 1,837 | Galvanized | sZ | 841 | 10 |
| 103104404070329 | 44 | 1,960 | 1,067 | 1,778 | Bright | sZ | 881 | 10 |
| 103104404270329 | 44 | 1,960 | 1,067 | 1,778 | Galvanized | sZ | 881 | 10 |
| 103104404100329 | 44 | 2,160 | 1,067 | 1,924 | Bright | sZ | 881 | 10 |
| 103104404300329 | 44 | 2,160 | 1,067 | 1,924 | Galvanized | sZ | 881 | 10 |
| 103104504070329 | 45 | 1,960 | 1,116 | 1,860 | Bright | sZ | 921 | 10 |
| 103104504270329 | 45 | 1,960 | 1,116 | 1,860 | Galvanized | sZ | 921 | 10 |
| 103104504100329 | 45 | 2,160 | 1,116 | 2,012 | Bright | sZ | 921 | 10 |

| | | | | | | | | |
|-----------------|----|-------|-------|-------|------------|----|-------|----|
| 103104504300329 | 45 | 2,160 | 1,116 | 2,012 | Galvanized | sZ | 921 | 10 |
| 103104604070329 | 46 | 1,960 | 1,167 | 1,944 | Bright | sZ | 963 | 10 |
| 103104604270329 | 46 | 1,960 | 1,167 | 1,944 | Galvanized | sZ | 963 | 10 |
| 103104604100329 | 46 | 2,160 | 1,167 | 2,103 | Bright | sZ | 963 | 10 |
| 103104604300329 | 46 | 2,160 | 1,167 | 2,103 | Galvanized | sZ | 963 | 10 |
| 103104704070329 | 47 | 1,960 | 1,218 | 2,029 | Bright | sZ | 1,005 | 10 |
| 103104704100329 | 47 | 2,160 | 1,218 | 2,195 | Bright | sZ | 1,005 | 10 |
| 103104704300329 | 47 | 2,160 | 1,218 | 2,195 | Galvanized | sZ | 1,005 | 10 |
| 103104704270329 | 47 | 1,960 | 1,218 | 2,029 | Galvanized | sZ | 1,005 | 10 |
| 103104804070329 | 48 | 1,960 | 1,270 | 2,116 | Bright | sZ | 1,048 | 10 |
| 103104804270329 | 48 | 1,960 | 1,270 | 2,116 | Galvanized | sZ | 1,048 | 10 |
| 103104804100329 | 48 | 2,160 | 1,270 | 2,289 | Bright | sZ | 1,048 | 10 |
| 103104804300329 | 48 | 2,160 | 1,270 | 2,289 | Galvanized | sZ | 1,048 | 10 |
| 103104904070329 | 49 | 1,960 | 1,324 | 2,205 | Bright | sZ | 1,092 | 10 |
| 103104904270329 | 49 | 1,960 | 1,324 | 2,205 | Galvanized | sZ | 1,092 | 10 |
| 103104904100329 | 49 | 2,160 | 1,324 | 2,386 | Bright | sZ | 1,092 | 10 |
| 103104904300329 | 49 | 2,160 | 1,324 | 2,386 | Galvanized | sZ | 1,092 | 10 |
| 103105004070329 | 50 | 1,960 | 1,378 | 2,296 | Bright | sZ | 1,137 | 10 |
| 103105004270329 | 50 | 1,960 | 1,378 | 2,296 | Galvanized | sZ | 1,137 | 10 |
| 103105004100329 | 50 | 2,160 | 1,378 | 2,484 | Bright | sZ | 1,137 | 10 |
| 103105004300329 | 50 | 2,160 | 1,378 | 2,484 | Galvanized | sZ | 1,137 | 10 |

Technical data