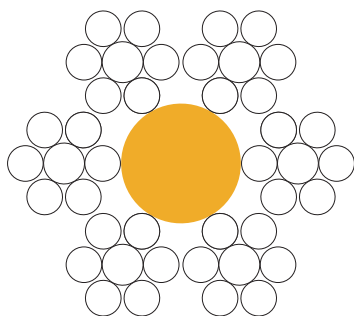


NCR6

The stable steel rope for aerial transportation and open pit mining.

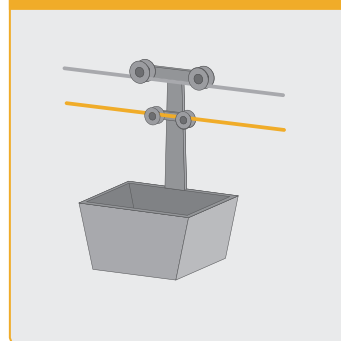
The NCR6 features a solid plastic core making this rope an exceptionally stable rope with reduced stretch resistance. Designed for aerial transportation of skips and open pit mining, the NCR6 is a fatigue resistant rope that delivers a long service life.



Advantages:

- Cost effective
- Low stretch
- High fatigue performance

Applications:



NCR6/2018/v1.0

| Diameter | | Section | Weight | | MBL |
|-----------------|--------|---------|-----------------|-------|------|
| mm | inch | | mm ² | kg/m | |
| 1770 MPa | | | | | |
| SL17 | | | | | |
| 23 | - | 217 | 1.931 | 1.298 | 346 |
| 24 | 15/16 | 236 | 2.103 | 1.413 | 376 |
| 25 | - | 256 | 2.282 | 1.534 | 408 |
| 26 | 1" | 277 | 2.469 | 1.659 | 441 |
| 27 | - | 299 | 2.663 | 1.790 | 476 |
| 28 | - | 321 | 2.865 | 1.925 | 511 |
| 29 | 1" 1/8 | 344 | 3.073 | 2.065 | 548 |
| 30 | - | 368 | 3.289 | 2.210 | 587 |
| 31 | - | 393 | 3.513 | 2.360 | 626 |
| 32 | 1" 1/4 | 419 | 3.743 | 2.515 | 667 |
| 33 | - | 445 | 3.981 | 2.675 | 709 |
| 34 | - | 473 | 4.226 | 2.840 | 753 |
| 35 | 1" 3/8 | 501 | 4.479 | 3.010 | 798 |
| 36 | - | 530 | 4.739 | 3.184 | 844 |
| 37 | - | 560 | 5.006 | 3.364 | 891 |
| 38 | 1" 1/2 | 590 | 5.281 | 3.549 | 940 |
| 39 | - | 622 | 5.563 | 3.738 | 990 |
| 40 | - | 654 | 5.852 | 3.932 | 1041 |
| SLR17 | | | | | |
| 21 | - | 206 | 1.782 | 1.197 | 323 |
| 22 | 7/8 | 227 | 1.960 | 1.317 | 355 |
| 23 | - | 248 | 2.146 | 1.442 | 389 |
| 24 | 15/16 | 271 | 2.341 | 1.573 | 424 |
| 25 | - | 294 | 2.544 | 1.709 | 461 |
| 26 | 1" | 319 | 2.755 | 1.851 | 499 |
| 27 | - | 344 | 2.974 | 1.999 | 539 |
| 28 | - | 371 | 3.202 | 2.152 | 580 |
| 29 | 1" 1/8 | 398 | 3.438 | 2.310 | 623 |
| 30 | - | 426 | 3.682 | 2.474 | 667 |
| 31 | - | 455 | 3.935 | 2.644 | 713 |
| 32 | 1" 1/4 | 486 | 4.195 | 2.819 | 760 |
| 33 | - | 517 | 4.465 | 3.000 | 809 |
| 34 | - | 549 | 4.742 | 3.186 | 859 |
| 35 | 1" 3/8 | 582 | 5.028 | 3.378 | 911 |
| 36 | - | 616 | 5.322 | 3.576 | 964 |
| 37 | - | 651 | 5.624 | 3.779 | 1019 |
| 38 | 1" 1/2 | 687 | 5.934 | 3.988 | 1075 |
| 39 | - | 724 | 6.253 | 4.202 | 1133 |
| 40 | - | 762 | 6.580 | 4.422 | 1192 |

NCR6 wire rope properties

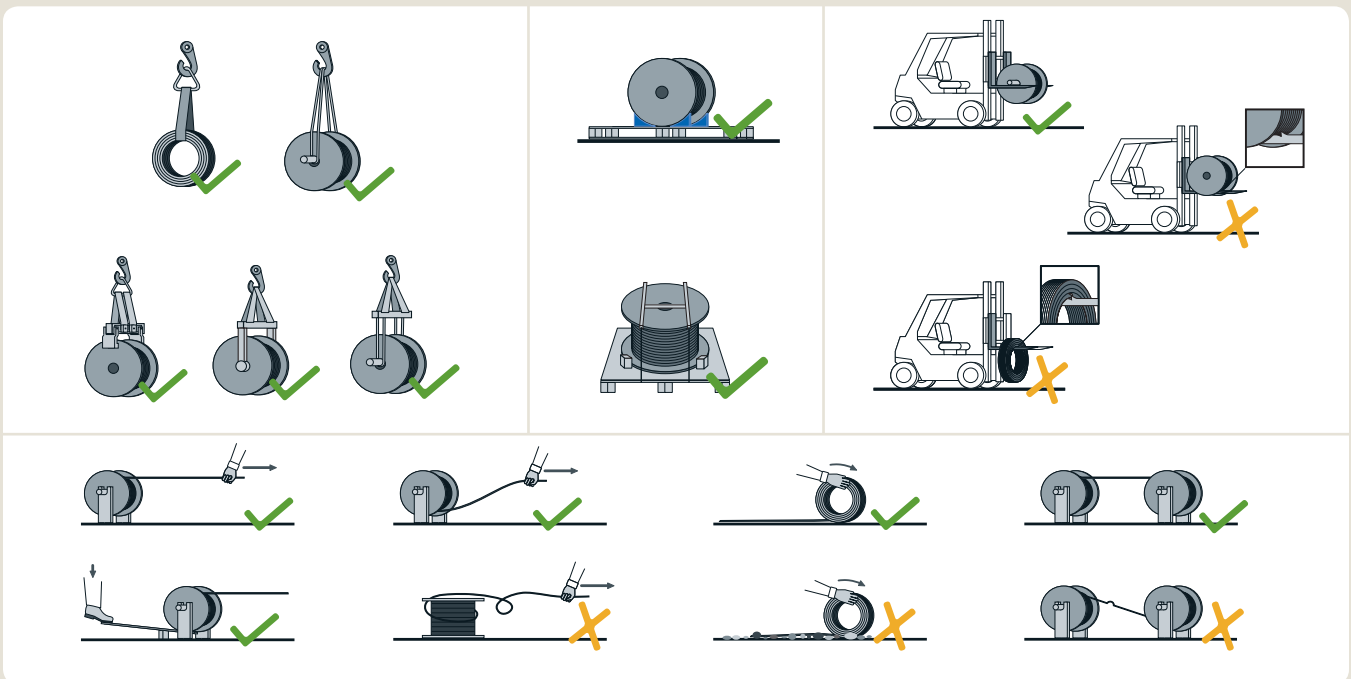
| | | | | | | | |
|---------------------|--|--|---|---|---|---|--|
| Standard Properties |  Lubrication |  Stretch Resistant |  Pre-Shaped |  Plastic Inserts | | | |
| On Demand |  Bright Wire |  Galvanised Wire |  Compaction |  Electromagnetic Inspection |  Right/Left Hand Lay |  Regular Lay Rope |  Lang Lay Rope |

Storage and maintenance

The rope must be adequately maintained and regularly lubricated, as often as it is necessary, but at least when the rope works in extreme conditions and before/after prolonged inactivity. The lubricant must be compatible with the original grease. Before re-lubrication, the wire rope must be dry and cleaned by scraping. Cleaning by cloth, cryogenic spray, high pressure cleaner and solvents are forbidden.

When stored, the rope should be kept in a dry and ventilated environment with no direct contact with the floor and an air flow under the reel. Visual inspection is necessary before the use of a stored wire rope. In case of doubt of the quality of the wire rope, we can help you to find and make additional inspection analysis.

EWRIS handling recommendations



The diagrams illustrate various handling scenarios for wire rope. Green checkmarks indicate correct practices, while orange X marks indicate incorrect practices. Correct practices include: using proper lifting techniques with slings and hooks; stacking reels on pallets; using forklifts to move reels without dragging them; and using rollers to guide the rope during winding or unwinding. Incorrect practices include: dragging reels on the floor; using forklifts to lift reels by the side; and allowing the rope to rest on the ground or be damaged by sharp edges.

At all times, contact of the rope with any metallic pieces should be avoided to prevent early damage.



All information in this promotional material shall illustrate products and services in a non final way and invite to further technical or commercial explanation; they are not contractual. © ArcelorMittal 2018.

High performance Mining Ropes for the most demanding environments

ArcelorMittal ROPES, 25 Avenue de Lyon, BP 38, F-01002 Bourg-en-Bresse Cedex
 Telephone: +33 4 74 32 81 96 | Fax: +33 4 74 32 81 05 | Email: mining.ropes@arcelormittal.com
www.arcelormittal.com/wireropes