

HYFLEX 6x19

- High quality flexible 6x19 class crane rope.
- Good resistance to abrasion.
- Consistent performance.
- Fully lubricated in manufacturing.
- Independent wire rope core.

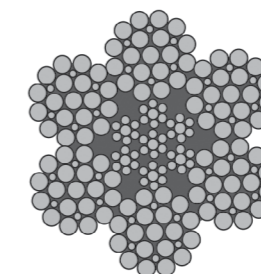
| Standard Characteristics Hyflex 6X19 | | |
|---|------------------------|------------|
| Compacted | Yes | No |
| Grade | 1770 | 1960 |
| Finish | Bright | Galvanised |
| Lay Direction | Right Hand | Left Hand |
| Lay Type | Ordinary | Langs |
| Nominal Fill Factor | 0.596 | |
| Turn value at 20% of Breaking force degrees/ '6.5d' | 42 | |
| Discard Criteria | Refer to ISO 4309:2019 | |

Warning : Hyflex 6x19 in Langs lay must only be used in applications where both ends are unable to rotate.



| NOMINAL ROPE DIAMETER | | APPROX. MASS | MINIMUM BREAKING FORCE | | | |
|-----------------------|-------|--------------|---------------------------|--------|------------|--------|
| | | | GALVANISED & UNGALVANISED | | ROPE GRADE | |
| mm | in | kg/100m | 1770 | | 1960 | |
| | | | kN | tonnes | kN | tonnes |
| 6 | | 14.3 | 22.7 | 2.3 | 25.1 | 2.6 |
| 7 | | 19.5 | 30.9 | 3.1 | 34.2 | 3.5 |
| 8 | | 25.5 | 40.3 | 4.1 | 44.7 | 4.6 |
| 9 | | 32.2 | 51.0 | 5.2 | 56.5 | 5.8 |
| 10 | | 39.8 | 63.0 | 6.4 | 69.8 | 7.1 |
| 11 | | 48.2 | 76.2 | 7.8 | 84.4 | 8.6 |
| 12 | | 57.3 | 90.7 | 9.3 | 101 | 10.3 |
| | 1/2 | 64.2 | 102 | 10.4 | 113 | 11.5 |
| 13 | | 67.3 | 107 | 10.9 | 118 | 12.0 |
| 14 | | 78.0 | 124 | 12.6 | 137 | 14.0 |
| 16 | 5/8 | 102 | 161 | 16.4 | 179 | 18.3 |
| 18 | | 129 | 204 | 20.8 | 226 | 23.0 |
| 20 | | 159 | 252 | 25.7 | 279 | 28.4 |
| 22 | | 193 | 305 | 31.1 | 338 | 34.5 |
| | 7/8 | 197 | 311 | 31.7 | 345 | 35.2 |
| 24 | 15/16 | 229 | 363 | 37.0 | 402 | 41.0 |
| | 1 | 257 | 407 | 41.5 | 450 | 45.9 |
| 26 | | 269 | 426 | 43.4 | 472 | 48.1 |
| 28 | | 312 | 494 | 50.4 | 547 | 55.8 |
| 32 | 1.1/4 | 408 | 645 | 65.8 | 715 | 72.9 |
| 36 | | 516 | 817 | 83.3 | 904 | 92.2 |
| 40 | | 637 | 1010 | 103 | 1120 | 114 |
| 44 | | 771 | 1220 | 124 | 1350 | 138 |
| 48 | 1.7/8 | 917 | 1450 | 148 | 1610 | 164 |
| 52 | | 1076 | 1700 | 173 | 1890 | 193 |
| 56 | | 1248 | 1980 | 202 | 2190 | 223 |
| 60 | | 1433 | 2270 | 231 | 2510 | 256 |

Note: Rope Sizes and Breaking Force not shown in the standard table, may be available on request and prior confirmation.



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