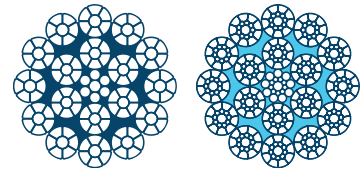


# Tiger Dyform 18M/PI

## Balance Rope



| Lay Type |       | Lay Direction |           | Finish |      | Core |     |     |
|----------|-------|---------------|-----------|--------|------|------|-----|-----|
| Ord      | Langs | Right Hand    | Left Hand | Bright | Galv | NFC  | SFC | WSC |
| •        | •     | •             | •         | •      | •    | •    | •   | •   |

| Diameter | Approx Mass | Calculated Aggregate Breaking Force |                        |                        | Calculated Minimum Breaking Force |                        |                        |
|----------|-------------|-------------------------------------|------------------------|------------------------|-----------------------------------|------------------------|------------------------|
|          |             | 1570 N/mm <sup>2</sup>              | 1770 N/mm <sup>2</sup> | 1960 N/mm <sup>2</sup> | 1570 N/mm <sup>2</sup>            | 1770 N/mm <sup>2</sup> | 1960 N/mm <sup>2</sup> |
| mm       | kg/m        | kN                                  | kN                     | kN                     | kN                                | kN                     | kN                     |
| 16       | 1.25        | 222                                 | 251                    | 278                    | 178                               | 201                    | 222                    |
| 17       | 1.42        | 251                                 | 283                    | 314                    | 201                               | 226                    | 251                    |
| 18       | 1.59        | 282                                 | 318                    | 352                    | 225                               | 254                    | 281                    |
| 19       | 1.77        | 314                                 | 354                    | 392                    | 251                               | 283                    | 313                    |
| 20       | 1.96        | 348                                 | 392                    | 434                    | 278                               | 314                    | 347                    |
| 21       | 2.17        | 384                                 | 432                    | 479                    | 307                               | 346                    | 383                    |
| 22       | 2.38        | 421                                 | 475                    | 526                    | 337                               | 380                    | 420                    |
| 23       | 2.60        | 460                                 | 519                    | 575                    | 368                               | 415                    | 460                    |
| 24       | 2.83        | 501                                 | 565                    | 626                    | 401                               | 452                    | 500                    |
| 25       | 3.07        | 544                                 | 613                    | 679                    | 435                               | 490                    | 543                    |
| 26       | 3.32        | 588                                 | 663                    | 734                    | 470                               | 530                    | 587                    |
| 27       | 3.58        | 634                                 | 715                    | 792                    | 507                               | 572                    | 634                    |
| 28       | 3.85        | 682                                 | 769                    | 852                    | 546                               | 615                    | 681                    |
| 29       | 4.13        | 732                                 | 825                    | 914                    | 585                               | 660                    | 731                    |
| 30       | 4.42        | 783                                 | 883                    | 978                    | 626                               | 706                    | 782                    |
| 31       | 4.72        | 836                                 | 943                    | 1040                   | 669                               | 754                    | 835                    |
| 32       | 5.03        | 891                                 | 1000                   | 1110                   | 713                               | 804                    | 890                    |
| 33       | 5.35        | 948                                 | 1060                   | 1180                   | 758                               | 855                    | 947                    |
| 34       | 5.68        | 1000                                | 1130                   | 1250                   | 805                               | 907                    | 1000                   |
| 35       | 6.02        | 1060                                | 1200                   | 1330                   | 853                               | 962                    | 1060                   |
| 36       | 6.37        | 1120                                | 1270                   | 1400                   | 902                               | 1010                   | 1120                   |
| 37       | 6.73        | 1190                                | 1340                   | 1480                   | 953                               | 1070                   | 1190                   |
| 38       | 7.10        | 1250                                | 1410                   | 1560                   | 1000                              | 1130                   | 1250                   |
| 39       | 7.48        | 1320                                | 1490                   | 1650                   | 1050                              | 1190                   | 1320                   |
| 40       | 7.90        | 1380                                | 1560                   | 1730                   | 1110                              | 1250                   | 1380                   |
| 41       | 8.30        | 1450                                | 1640                   | 1820                   | 1160                              | 1310                   | 1450                   |
| 42       | 8.72        | 1530                                | 1720                   | 1910                   | 1220                              | 1380                   | 1520                   |
| 43       | 9.14        | 1600                                | 1800                   | 2000                   | 1280                              | 1440                   | 1600                   |
| 44       | 9.57        | 1670                                | 1890                   | 2090                   | 1340                              | 1510                   | 1670                   |
| 45       | 10.00       | 1750                                | 1980                   | 2190                   | 1400                              | 1580                   | 1750                   |
| 46       | 10.40       | 1830                                | 2060                   | 2290                   | 1460                              | 1650                   | 1830                   |
| 47       | 10.90       | 1910                                | 2160                   | 2390                   | 1530                              | 1720                   | 1910                   |
| 48       | 11.30       | 1990                                | 2250                   | 2490                   | 1590                              | 1800                   | 1990                   |
| 49       | 11.80       | 2080                                | 2340                   | 2600                   | 1660                              | 1870                   | 2080                   |
| 50       | 12.30       | 2160                                | 2440                   | 2700                   | 1730                              | 1950                   | 2160                   |
| 51       | 12.80       | 2250                                | 2540                   | 2810                   | 1800                              | 2030                   | 2250                   |
| 52       | 13.30       | 2340                                | 2640                   | 2920                   | 1870                              | 2110                   | 2340                   |
| 53       | 13.80       | 2430                                | 2740                   | 3040                   | 1940                              | 2190                   | 2430                   |
| 54       | 14.40       | 2530                                | 2850                   | 3150                   | 2020                              | 2280                   | 2520                   |

The nominal length mass values are for fully lubricated ropes.



Read Product Safety Instructions and Warnings on the use of steel wire rope before selecting or using this product.  
Read cautionary notice - Restrictions on the use of large diameter multi-strand ropes.



This table is for guidance purposes only with no guarantee or warranty (express or implied) as to its accuracy. The products described may be subject to change without notice, and should not be relied on without further advice from Bridon-Bekaert.