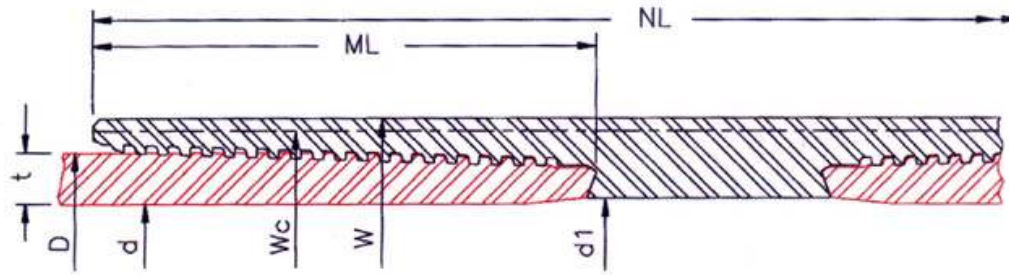


# TECHNICAL INFORMATION

# TUBING

|                   |            |
|-------------------|------------|
| SIZE:             | 101.60 mm  |
| NOMINAL WEIGHT:   | 22.02 kg/m |
| WALL THICKNESS:   | 9.65 mm    |
| THREADS PER INCH: | 6          |



|  |                               |        |                   |       |                 |       |       |                     |       |       |
|--|-------------------------------|--------|-------------------|-------|-----------------|-------|-------|---------------------|-------|-------|
| P<br>I<br>P<br>E<br><br>B<br>O<br>D<br>Y | OUTSIDE DIA.(mm)D             | 101.60 | INSIDE DIA.(mm) d | 82.30 | DRIFT DIA. (mm) |       | 79.12 | PLAIN END WT (kg/m) |       | 21.86 |
|  | GRADE                         |        | K55               | N80   | L80             | C90   | C95   | P110                | Q125  | 150   |
|  | COLLAPSE RESISTANCE (MPa)     |        | 65.2              | 94.8  | 94.8            | 106.7 | 112.6 | 130.4               | 148.2 | 177.8 |
|  | INTERNAL YIELD PRESSURE (MPa) |        | 63.0              | 91.7  | 91.7            | 103.2 | 108.9 | 126.1               | 143.3 | 171.9 |
|  | BODY YIELD STRENGTH (kN)      |        | 1057              | 1538  | 1538            | 1730  | 1826  | 2115                | 2403  | 2884  |
|  | ULTIMATE STRENGTH (kN)        |        | 1826              | 1922  | 1826            | 1922  | 2018  | 2403                | 2595  | 3076  |
|  | YIELD TORQUE (Nm)             |        | 25680             | 37350 | 37350           | 42020 | 44350 | 51350               | 58360 | 70030 |

|                                |  |              |      |      |      |       |       |       |       |       |
|--------------------------------|--|--------------|------|------|------|-------|-------|-------|-------|-------|
| M<br>A<br>K<br>E<br><br>U<br>P | RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 |              |      |      |      |       |       |       |       |       |
|                                | REGULAR  | MINIMUM (Nm) | 5300 | 7320 | 7320 | 8470  | 8470  | 9720  | 11050 | 13060 |
|                                |  | OPTIMUM (Nm) | 5880 | 8130 | 8130 | 9410  | 9410  | 10790 | 12270 | 14510 |
|                                |  | MAXIMUM (Nm) | 6470 | 8950 | 8950 | 10340 | 10340 | 11860 | 13490 | 15960 |
|                                | SPECIAL CLEARANCE  | MINIMUM (Nm) | 4770 | 6590 | 6590 | 7630  | 7630  | 8750  | 9950  | 11610 |
|                                |  | OPTIMUM (Nm) | 5300 | 7320 | 7320 | 8470  | 8470  | 9710  | 11050 | 13060 |
| MAXIMUM (Nm)                   |  | 5820         | 8050 | 8050 | 9310 | 9310  | 10680 | 12150 | 14510 |       |

|  |   |    |                  |                 |   |       |                      |       |                                 |         |
|--|---|----|------------------|-----------------|---|-------|----------------------|-------|---------------------------------|---------|
| C<br>O<br>N<br>N<br>E<br>C<br>T<br>I<br>O<br>N | COLLAPSE RESISTANCE (MPa)               |    | 65.2             | 94.8            | 94.8  | 106.7 | 112.6                | 130.4 | 148.2                           | 177.8   |
|  | INTERNAL YIELD PRESSURE (MPa)           |    | 63.0             | 91.7            | 91.7  | 103.2 | 108.9                | 126.1 | 143.3                           | 171.9   |
|  | MAXIMUM LOAD OF REG. COUPLING FACE (kN) |    | 774              | 1125            | 1125  | 1266  | 1336                 | 1547  | 1758                            | 2110    |
|  | MAXIMUM LOAD OF S.C. COUPLING FACE (kN) |    | 535              | 778             | 778   | 875   | 924                  | 1069  | 1215                            | 1458    |
|  | PARTING LOAD (kN)                       |    |                  |                 |   |       |                      |       |                                 |         |
|  | REGULAR COUPLING O.D.                   |    | 1610             | 1759            | 1683  | 1788  | 1879                 | 2228  | 2424                            | 2878    |
|  | SPECIAL CLEARANCE COUPLING O.D.         |    | 1455             | 1531            | 1455  | 1531  | 1608                 | 1914  | 2067                            | 2450    |
|  |   |    | OUTSIDE DIA.(mm) | INSIDE DIA.(mm) | WEIGHT (kg)   |       | JOINT EFFICIENCY (%) |       | 30' JOINT MUD DISPLACEMENT (m³) |         |
|  | REGULAR COUPLING                        |    | W                | 116.99          | 85.24   | 5.89  |                      | 106   |                                 | 0.02607 |
|  | SPECIAL CLEARANCE COUPLING              |    | Wc               | 113.51          | 85.24   | 4.76  |                      | 84    |                                 | 0.02593 |
| LENGTH OF COUPLING (mm)                        |   | NL | 227.46           |                 | The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information |       |                      |       |                                 |         |
| MAKE UP LOSS (mm)                              |   | ML | 89.61            |                 |   |       |                      |       |                                 |         |