# TECHNICAL INFORMATION TUBING

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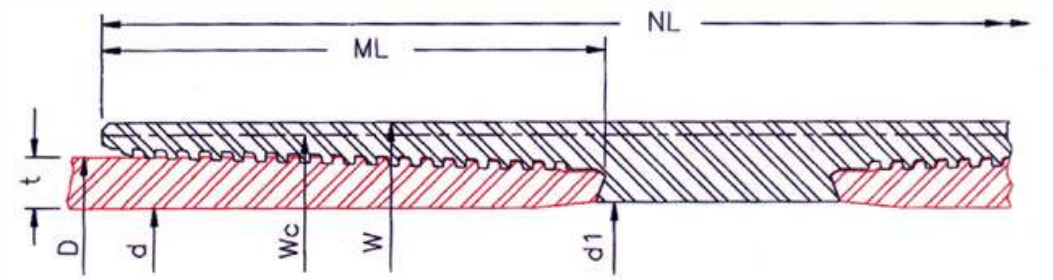
|---|---|
| SIZE: | 101.60 mm |
| NOMINAL WEIGHT: | 19.64 kg/m |
| WALL THICKNESS: | 8.38 mm |
| THREADS PER INCH: | 6 |

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|---|---|---|---|---|---|---|---|---|---|---|
| PIPE BODY | OUTSIDE DIA.(mm)D | 101.60 | INSIDE DIA.(mm) d | 84.84 | DRIFT DIA. (mm) | 81.66 | PLAIN END WT (kg/m) | 19.24 | | |
| | GRADE | | K55 | N80 | L80 | C90 | C95 | P110 | Q125 | 150 |
| | COLLAPSE RESISTANCE (MPa) | | 57.4 | 83.5 | 83.5 | 93.9 | 99.2 | 114.8 | 130.4 | 151.1 |
| | INTERNAL YIELD PRESSURE (MPa) | | 54.7 | 79.6 | 79.6 | 89.6 | 94.6 | 109.5 | 124.4 | 149.3 |
| | BODY YIELD STRENGTH (kN) | | 931 | 1354 | 1354 | 1523 | 1608 | 1862 | 2116 | 2539 |
| | ULTIMATE STRENGTH (kN) | | 1608 | 1692 | 1608 | 1692 | 1777 | 2116 | 2285 | 2708 |
| | YIELD TORQUE (Nm) | | 23170 | 33700 | 33700 | 37910 | 40020 | 46340 | 52650 | 63190 |

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|---|---|---|---|---|---|---|---|---|---|---|
| MAKE UP | RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | |
| | REGULAR | MINIMUM (Nm) | 4240 | 5830 | 5830 | 6710 | 6710 | 7590 | 8570 | 10130 |
| | | OPTIMUM (Nm) | 4700 | 6470 | 6470 | 7460 | 7460 | 8430 | 9520 | 11250 |
| | | MAXIMUM (Nm) | 5170 | 7100 | 7100 | 8200 | 8200 | 9270 | 10470 | 12380 |
| | SPECIAL CLEARANCE | MINIMUM (Nm) | 3780 | 5190 | 5190 | 5970 | 5970 | 6750 | 7620 | 9000 |
| | | OPTIMUM (Nm) | 4240 | 5830 | 5830 | 6710 | 6710 | 7590 | 8570 | 10130 |
| | | MAXIMUM (Nm) | 4700 | 6470 | 6470 | 7460 | 7460 | 8430 | 9520 | 11250 |

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|---|---|---|---|---|---|---|---|---|---|---|
| CONNECTION | COLLAPSE RESISTANCE (MPa) | | 57.4 | 83.5 | 83.5 | 93.9 | 99.2 | 114.8 | 130.4 | 151.1 |
| | INTERNAL YIELD PRESSURE (MPa) | | 54.7 | 79.6 | 79.6 | 89.6 | 94.6 | 109.5 | 124.4 | 149.3 |
| | MAXIMUM LOAD OF REG. COUPLING FACE (kN) | | 616 | 896 | 896 | 1008 | 1064 | 1232 | 1400 | 1680 |
| | MAXIMUM LOAD OF S.C. COUPLING FACE (kN) | | 360 | 523 | 523 | 589 | 622 | 720 | 818 | 981 |
| | | | PARTING LOAD (kN) | | | | | | | |
| | REGULAR COUPLING O.D. | | 1418 | 1549 | 1481 | 1574 | 1654 | 1961 | 2134 | 2534 |
| | SPECIAL CLEARANCE COUPLING O.D. | | 1168 | 1229 | 1168 | 1229 | 1291 | 1536 | 1659 | 1967 |
| | | | OUTSIDE DIA.(mm) | INSIDE DIA.(mm) | WEIGHT (kg) | | JOINT EFFICENCY (%) | | 30' JOINT MUD DISPLACEMENT ($m^3$) | |
| | REGULAR COUPLING | W | 114.71 | 88.06 | 5.02 | | 104 | | 0.02293 | |
| | SPECIAL CLEARANCE COUPLING | Wc | 110.90 | 88.06 | 3.82 | | 76 | | 0.02278 | |
| | 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 | | | | | | | |