

TECHNICAL INFORMATION - HSC HICOM

TUBING

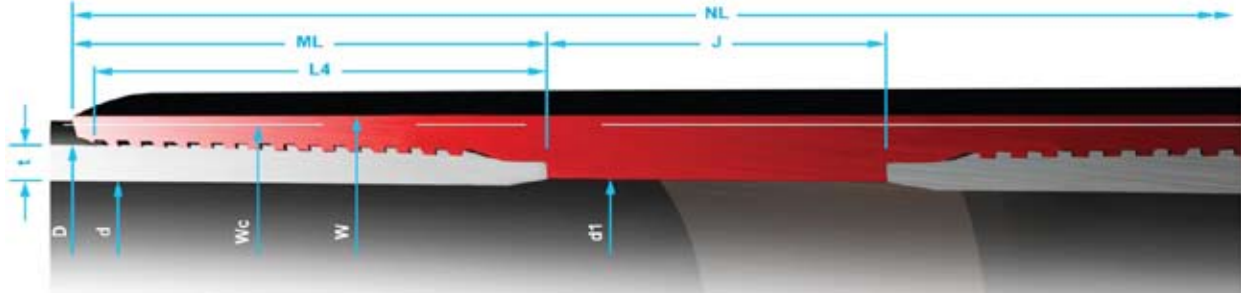


SIZE: **4"**

NOMINAL WEIGHT: **16.50 lb/ft**

WALL THICKNESS: **0.430"**

THREADS PER INCH: **6**



| | | | | | | | | | | | | |
|-----------|--------------------------------------|---|-------|------------------|---|-------|-----------------|-------|-------|----------------------|-------|-------|
| PIPE BODY | OUTSIDE DIA. (in) | D | 4.000 | INSIDE DIA. (in) | d | 3.140 | DRIFT DIA. (in) | | 3.015 | PLAIN END WT (lb/ft) | | 16.39 |
| | GRADE | | | | | N80 | L80 | C90 | C95 | P110 | Q125 | 150 |
| | COLLAPSE RESISTANCE (psi) | | | | | 15350 | 15350 | 17270 | 18230 | 21110 | 23990 | 28790 |
| | INTERNAL YIELD PRESSURE (psi) | | | | | 15050 | 15050 | 16930 | 17870 | 20690 | 23520 | 28220 |
| | BODY YIELD STRENGTH (kips) | | | | | 386 | 386 | 434 | 458 | 530 | 603 | 723 |
| | ULTIMATE STRENGTH (kips) | | | | | 482 | 458 | 482 | 506 | 603 | 651 | 772 |
| | NOMINAL CROSS-SECTIONAL AREA (sq-in) | | | | | 4.823 | 4.823 | 4.823 | 4.823 | 4.823 | 4.823 | 4.823 |

| | | | | | | | | | | | | |
|---------|---|--|---------------------------|--|-------|-------|-------|-------|-------|-------|-------|--|
| MAKE UP | RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | | | |
| | REGULAR | | MINIMUM (ft.lb) | | 5810 | 5810 | 6140 | 6290 | 6780 | 7260 | 8060 | |
| | | | OPTIMUM (ft.lb) | | 6460 | 6460 | 6820 | 6990 | 7530 | 8070 | 8960 | |
| | | | MAXIMUM (ft.lb) | | 7110 | 7110 | 7500 | 7690 | 8280 | 8880 | 9860 | |
| | | | BODY YIELD TORQUE (ft.lb) | | 30000 | 30000 | 33750 | 35630 | 41250 | 46880 | 56250 | |
| | SPECIAL CLEARANCE | | MINIMUM (ft.lb) | | 5230 | 5230 | 5520 | 5660 | 6100 | 6530 | 7250 | |
| | | | OPTIMUM (ft.lb) | | 5810 | 5810 | 6130 | 6290 | 6780 | 7260 | 8060 | |
| | | | MAXIMUM (ft.lb) | | 6390 | 6390 | 6740 | 6920 | 7460 | 7990 | 8870 | |

| | | | | | | | | | | | | | |
|---|---|--|--|----|-------------------|-----------------------|-------------|----------------------|-------|----------------------------------|-------|-------|--|
| CONNECTION | COLLAPSE RESISTANCE (psi) | | | | | 15350 | 15350 | 17270 | 18230 | 21110 | 23990 | 28790 | |
| | COMPRESSION RESISTANCE (%) | | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | TENSILE EFFICIENCY (%) | | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | INTERNAL YIELD PRESSURE (psi) | | | | | 15050 | 15050 | 16930 | 17870 | 20690 | 23520 | 28220 | |
| | MAXIMUM BENDING ANGLE (° PER 100ft) | | | | | 117 | 117 | 131 | 139 | 161 | 183 | 219 | |
| | BOX CRITICAL CROSS-SECTIONAL AREA (sq-in) | | | | | 4.922 | 4.922 | 4.922 | 4.922 | 4.922 | 4.922 | 4.922 | |
| | MAXIMUM LOAD OF REG. COUPLING FACE (kips) | | | | | 266 | 266 | 300 | 316 | 366 | 416 | 499 | |
| | MAXIMUM LOAD OF S.C. COUPLING FACE (kips) | | | | | 144 | 144 | 162 | 171 | 197 | 224 | 269 | |
| | | | | | | PARTING LOAD (kips) | | | | | | | |
| | REGULAR COUPLING O.D. | | | | | 441 | 422 | 449 | 471 | 559 | 608 | 722 | |
| | SPECIAL CLEARANCE COUPLING O.D. | | | | | 321 | 305 | 321 | 337 | 401 | 433 | 513 | |
| | | | | | OUTSIDE DIA. (in) | INSIDE DIA. (d1) (in) | WEIGHT (lb) | JOINT EFFICIENCY (%) | | 30' JOINT MUD DISPLACEMENT (in³) | | | |
| | REGULAR COUPLING | | | | W | 4.669 | 3.240 | 13.28 | 102 | | 1771 | | |
| | SPECIAL CLEARANCE COUPLING | | | | Wc | 4.453 | 3.240 | 9.77 | 70 | | 1759 | | |
| | LENGTH OF COUPLING (in) | | | | NL | 7.994 | | | | | | | |
| MAKE UP LOSS (in) | | | | ML | 2.997 | | | | | | | | |
| The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information | | | | | | | | | | | | | |