

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **9 5/8"**

NOMINAL WEIGHT: **53.50 lb/ft**

WALL THICKNESS: **0.545"**

THREADS PER INCH: **5**



| | | | | | | | | | | | |
|-----------|--------------------------------------|---|-------|------------------|--------|--------|-----------------|--------|----------------------|--------|--------|
| PIPE BODY | OUTSIDE DIA. (in) | D | 9.625 | INSIDE DIA. (in) | d | 8.535 | DRIFT DIA. (in) | 8.379 | PLAIN END WT (lb/ft) | 52.85 | |
| | GRADE | | | | N80 | L80 | C90 | C95 | P110 | Q125 | 150 |
| | COLLAPSE RESISTANCE (psi) | | | | 6620 | 6620 | 7120 | 7340 | 7950 | 8440 | 8960 |
| | INTERNAL YIELD PRESSURE (psi) | | | | 7930 | 7930 | 8920 | 9410 | 10900 | 12390 | 14860 |
| | BODY YIELD STRENGTH (kips) | | | | 1244 | 1244 | 1399 | 1477 | 1710 | 1943 | 2332 |
| | ULTIMATE STRENGTH (kips) | | | | 1555 | 1477 | 1555 | 1632 | 1943 | 2099 | 2487 |
| | NOMINAL CROSS-SECTIONAL AREA (sq-in) | | | | 15.546 | 15.546 | 15.546 | 15.546 | 15.546 | 15.546 | 15.546 |

| | | | | | | | | | | | |
|---------|---|-----------------|--------|--------|--------|--------|--------|--------|--------|-------|--|
| MAKE UP | RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | | |
| | REGULAR | MINIMUM (ft.lb) | | 12620 | 12620 | 13100 | 13350 | 14080 | 14800 | 16020 | |
| | | OPTIMUM (ft.lb) | | 14020 | 14020 | 14560 | 14830 | 15640 | 16450 | 17800 | |
| | | MAXIMUM (ft.lb) | | 15420 | 15420 | 16020 | 16310 | 17200 | 18100 | 19580 | |
| | BODY YIELD TORQUE (ft.lb) | | 257210 | 257210 | 289360 | 305430 | 353660 | 401890 | 482260 | | |
| | SPECIAL CLEARANCE | MINIMUM (ft.lb) | | 11360 | 11360 | 11790 | 12020 | 12670 | 13330 | 14420 | |
| | | OPTIMUM (ft.lb) | | 12620 | 12620 | 13100 | 13350 | 14080 | 14810 | 16020 | |
| | | MAXIMUM (ft.lb) | | 13880 | 13880 | 14410 | 14690 | 15490 | 16290 | 17620 | |

| | | | | | | | | | | | |
|-------------------|---|----|-------------------|-----------------------|---|----------------------|----------------------------------|-------|-------|--|--|
| CONNECTION | COLLAPSE RESISTANCE (psi) | | 6620 | 6620 | 7120 | 7340 | 7950 | 8440 | 8960 | | |
| | COMPRESSION RESISTANCE (%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | |
| | TENSILE EFFICIENCY (%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | |
| | INTERNAL YIELD PRESSURE (psi) | | 7930 | 7930 | 8920 | 9410 | 10900 | 12390 | 14860 | | |
| | MAXIMUM BENDING ANGLE (° PER 100ft) | | 43 | 43 | 48 | 51 | 59 | 67 | 81 | | |
| | BOX CRITICAL CROSS-SECTIONAL AREA (sq-in) | | 15.85 | 15.85 | 15.85 | 15.85 | 15.85 | 15.85 | 15.85 | | |
| | MAXIMUM LOAD OF REG. COUPLING FACE (kips) | | 876 | 876 | 985 | 1040 | 1204 | 1369 | 1642 | | |
| | MAXIMUM LOAD OF S.C. COUPLING FACE (kips) | | 480 | 480 | 539 | 569 | 659 | 749 | 899 | | |
| | PARTING LOAD (kips) | | | | | | | | | | |
| | REGULAR COUPLING O.D. | | 1329 | 1285 | 1386 | 1458 | 1718 | 1890 | 2251 | | |
| | SPECIAL CLEARANCE COUPLING O.D. | | 1033 | 982 | 1033 | 1085 | 1292 | 1395 | 1653 | | |
| | | | OUTSIDE DIA. (in) | INSIDE DIA. (d1) (in) | WEIGHT (lb) | JOINT EFFICIENCY (%) | 30' JOINT MUD DISPLACEMENT (in³) | | | | |
| | REGULAR COUPLING | | W | 10.500 | 8.635 | 58.09 | 102 | 5757 | | | |
| | SPECIAL CLEARANCE COUPLING | | Wc | 10.194 | 8.635 | 41.38 | 70 | 5698 | | | |
| | LENGTH OF COUPLING (in) | | NL | 11.860 | 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 (in) | | ML | 4.930 | | | | | | | | |