

TECHNICAL INFORMATION

CASING

| | |
|-------------------|-------------|
| SIZE: | 5 1/2 " |
| NOMINAL WEIGHT: | 23.00 lb/ft |
| WALL THICKNESS: | 0.415 " |
| THREADS PER INCH: | 5 |



| | | | | | | | | | | | | | |
|---|-------------------------------|-------|-------------------|-------|-----------------|-------|-------|-------|-------|--------|----------------------|--|-------|
| P I P E B O D Y | OUTSIDE DIA.(in)D | 5.500 | INSIDE DIA.(in) d | 4.670 | DRIFT DIA. (in) | | | | | 4.545 | PLAIN END WT (lb/ft) | | 22.54 |
| | GRADE | | K55 | N80 | L80 | C90 | C95 | P110 | Q125 | 150 | | | |
| | COLLAPSE RESISTANCE (psi) | | 7670 | 11160 | 11160 | 12380 | 12930 | 14540 | 16060 | 18390 | | | |
| | INTERNAL YIELD PRESSURE (psi) | | 7260 | 10560 | 10560 | 11880 | 12540 | 14520 | 16510 | 19810 | | | |
| | BODY YIELD STRENGTH (kips) | | 365 | 530 | 530 | 597 | 630 | 729 | 829 | 994 | | | |
| | ULTIMATE STRENGTH (kips) | | 630 | 663 | 630 | 663 | 696 | 829 | 895 | 1061 | | | |
| | YIELD TORQUE (ft/lb) | | 41500 | 60400 | 60400 | 67900 | 71700 | 83000 | 94300 | 113200 | | | |

| | | | | | | | | | | | |
|---|--|-----------------|------|------|------|------|------|-------|-------|-------|--|
| M A K E U P | RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | | |
| | REGULAR | MINIMUM (ft/lb) | 6390 | 7170 | 7170 | 7470 | 7470 | 7830 | 8460 | 9150 | |
| | | OPTIMUM (ft/lb) | 7090 | 7960 | 7960 | 8300 | 8300 | 8700 | 9400 | 10150 | |
| | | MAXIMUM (ft/lb) | 7790 | 8750 | 8750 | 9130 | 9130 | 9570 | 10340 | 11150 | |
| | SPECIAL CLEARANCE | MINIMUM (ft/lb) | 6390 | 7170 | 7170 | 7470 | 7470 | 7830 | 8460 | 9150 | |
| | | OPTIMUM (ft/lb) | 7090 | 7960 | 7960 | 8300 | 8300 | 8700 | 9400 | 10150 | |
| MAXIMUM (ft/lb) | | 7790 | 8750 | 8750 | 9130 | 9130 | 9570 | 10340 | 11150 | | |

| | | | | | | | | | | | |
|--|---|----|------------------|-----------------|-------------|-------|----------------------|-------|---|-------|--|
| C O N N E C T I O N | COLLAPSE RESISTANCE (psi) | | 7670 | 11160 | 11160 | 12380 | 12930 | 14540 | 16060 | 18390 | |
| | INTERNAL YIELD PRESSURE (psi) | | 7260 | 10560 | 10560 | 11880 | 12540 | 14520 | 16510 | 19810 | |
| | MAXIMUM LOAD OF REG. COUPLING FACE (kips) | | 192 | 279 | 279 | 314 | 331 | 383 | 436 | 523 | |
| | MAXIMUM LOAD OF S.C. COUPLING FACE (kips) | | 96 | 140 | 140 | 157 | 166 | 192 | 218 | 262 | |
| | PARTING LOAD (kips) | | | | | | | | | | |
| | REGULAR COUPLING O.D. | | 537 | 569 | 541 | 569 | 598 | 711 | 768 | 910 | |
| | SPECIAL CLEARANCE COUPLING O.D. | | 384 | 404 | 384 | 404 | 424 | 505 | 545 | 646 | |
| | | | OUTSIDE DIA.(in) | INSIDE DIA.(in) | WEIGHT (lb) | | JOINT EFFICIENCY (%) | | 30' JOINT MUD DISPLACEMENT (in ²) | | |
| | REGULAR COUPLING | | W | 6.075 | 4.833 | 21.26 | | 90 | | 2442 | |
| | SPECIAL CLEARANCE COUPLING | | Wc | 5.890 | 4.833 | 15.55 | | 64 | | 2422 | |
| LENGTH OF COUPLING (in) | | NL | 11.593 | | | | | | | | |
| MAKE UP LOSS (in) | | ML | 4.850 | | | | | | | | |

The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information