

TECHNICAL INFORMATION

CASING

| | |
|-------------------|-------------|
| SIZE: | 7 5/8 " |
| NOMINAL WEIGHT: | 26.40 lb/ft |
| WALL THICKNESS: | 0.328 " |
| THREADS PER INCH: | 5 |



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|---|-------------------------------|-------|-------------------|--------|-----------------|--------|--------|----------------------|--------|--------|-------|
| P I P E B O D Y | OUTSIDE DIA.(in)D | 7.625 | INSIDE DIA.(in) d | 6.969 | DRIFT DIA. (in) | | | PLAIN END WT (lb/ft) | | | 25.56 |
| | GRADE | | K55 | N80 | L80 | C90 | C95 | P110 | Q125 | 150 | |
| | COLLAPSE RESISTANCE (psi) | | 2900 | 3400 | 3400 | 3610 | 3700 | 3920 | 4040 | 4080 | |
| | INTERNAL YIELD PRESSURE (psi) | | 4140 | 6020 | 6020 | 6780 | 7150 | 8280 | 9410 | 11290 | |
| | BODY YIELD STRENGTH (kips) | | 414 | 602 | 602 | 677 | 714 | 827 | 940 | 1128 | |
| | ULTIMATE STRENGTH (kips) | | 714 | 752 | 714 | 752 | 790 | 940 | 1015 | 1203 | |
| | YIELD TORQUE (ft/lb) | | 69600 | 101300 | 101300 | 113900 | 120200 | 139200 | 158200 | 189900 | |

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|---|--|-----------------|------|------|------|------|------|-------|-------|-------|--|
| M A K E U P | RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | | |
| | REGULAR | MINIMUM (ft/lb) | 6450 | 7170 | 7170 | 7830 | 7830 | 8150 | 8780 | 9850 | |
| | | OPTIMUM (ft/lb) | 7160 | 7960 | 7960 | 8700 | 8700 | 9050 | 9750 | 10850 | |
| | | MAXIMUM (ft/lb) | 7870 | 8750 | 8750 | 9570 | 9570 | 9950 | 10720 | 11850 | |
| | SPECIAL CLEARANCE | MINIMUM (ft/lb) | 6450 | 7170 | 7170 | 7830 | 7830 | 8150 | 8780 | 9850 | |
| | | OPTIMUM (ft/lb) | 7160 | 7960 | 7960 | 8700 | 8700 | 9050 | 9750 | 10850 | |
| MAXIMUM (ft/lb) | | 7870 | 8750 | 8750 | 9570 | 9570 | 9950 | 10720 | 11850 | | |

| | | | | | | | | | | | |
|--|---|----|------------------|-----------------|---|-------|----------------------|------|---|-------|--|
| C O N N E C T I O N | COLLAPSE RESISTANCE (psi) | | 2900 | 3400 | 3400 | 3610 | 3700 | 3920 | 4040 | 4080 | |
| | INTERNAL YIELD PRESSURE (psi) | | 4140 | 6020 | 6020 | 6780 | 7150 | 8280 | 9410 | 11290 | |
| | MAXIMUM LOAD OF REG. COUPLING FACE (kips) | | 493 | 717 | 717 | 807 | 852 | 986 | 1121 | 1345 | |
| | MAXIMUM LOAD OF S.C. COUPLING FACE (kips) | | 215 | 313 | 313 | 352 | 372 | 431 | 489 | 587 | |
| | PARTING LOAD (kips) | | | | | | | | | | |
| | REGULAR COUPLING O.D. | | 581 | 659 | 635 | 681 | 716 | 845 | 926 | 1102 | |
| | SPECIAL CLEARANCE COUPLING O.D. | | 581 | 659 | 635 | 681 | 716 | 845 | 926 | 1102 | |
| | | | OUTSIDE DIA.(in) | INSIDE DIA.(in) | WEIGHT (lb) | | JOINT EFFICIENCY (%) | | 30' JOINT MUD DISPLACEMENT (in ³) | | |
| | REGULAR COUPLING | | W | 8.528 | 7.041 | 62.94 | | 172 | | 2849 | |
| | SPECIAL CLEARANCE COUPLING | | Wc | 8.142 | 7.041 | 44.76 | | 105 | | 2785 | |
| LENGTH OF COUPLING (in) | | NL | 12.695 | | 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 | 5.406 | | | | | | | | |