

TECHNICAL INFORMATION

CASING

| | |
|-------------------|-------------|
| SIZE: | 13 3/8 " |
| NOMINAL WEIGHT: | 80.70 lb/ft |
| WALL THICKNESS: | 0.580 " |
| THREADS PER INCH: | 5 |



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|---------------------------------------------------------|-------------------------------|--------|-------------------|--------|--------|-----------------|--------|--------|--------|----------------------|--|-------|
| P I P E B O D Y | OUTSIDE DIA.(in)D | 13.375 | INSIDE DIA.(in) d | | 12.215 | DRIFT DIA. (in) | | | 12.059 | PLAIN END WT (lb/ft) | | 79.26 |
| | GRADE | | K55 | N80 | L80 | C90 | C95 | P110 | Q125 | 150 | | |
| | COLLAPSE RESISTANCE (psi) | | 2950 | 3450 | 3450 | 3670 | 3770 | 4000 | 4140 | 4180 | | |
| | INTERNAL YIELD PRESSURE (psi) | | 4170 | 6070 | 6070 | 6830 | 7210 | 8350 | 9490 | 11380 | | |
| | BODY YIELD STRENGTH (kips) | | 1282 | 1865 | 1865 | 2098 | 2215 | 2565 | 2914 | 3497 | | |
| | ULTIMATE STRENGTH (kips) | | 2215 | 2331 | 2215 | 2331 | 2448 | 2914 | 3147 | 3730 | | |
| | YIELD TORQUE (ft/lb) | | 378300 | 550300 | 550300 | 619100 | 653500 | 756700 | 859900 | 1031800 | | |

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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) | 14400 | 14400 | 14400 | 14400 | 14400 | 14400 | 14400 | 14400 | 14400 |
| | | OPTIMUM (ft/lb) | 15900 | 15900 | 15900 | 15900 | 15900 | 15900 | 15900 | 15900 | 15900 |
| | | MAXIMUM (ft/lb) | 17400 | 17400 | 17400 | 17400 | 17400 | 17400 | 17400 | 17400 | 17400 |
| | SPECIAL CLEARANCE | MINIMUM (ft/lb) | 14400 | 14400 | 14400 | 14400 | 14400 | 14400 | 14400 | 14400 | 14400 |
| | | OPTIMUM (ft/lb) | 15900 | 15900 | 15900 | 15900 | 15900 | 15900 | 15900 | 15900 | 15900 |
| MAXIMUM (ft/lb) | | 17400 | 17400 | 17400 | 17400 | 17400 | 17400 | 17400 | 17400 | 17400 | |

| | | | | | | | | | | |
|----------------------------------------------------------------|-------------------------------------------|----|------------------|-----------------|-------------|-------|----------------------|------|-----------------------------------------------|-------|
| C O N N E C T I O N | COLLAPSE RESISTANCE (psi) | | 2950 | 3450 | 3450 | 3670 | 3770 | 4000 | 4140 | 4180 |
| | INTERNAL YIELD PRESSURE (psi) | | 4170 | 6070 | 6070 | 6830 | 7210 | 8350 | 9490 | 11380 |
| | MAXIMUM LOAD OF REG. COUPLING FACE (kips) | | 986 | 1435 | 1435 | 1614 | 1704 | 1973 | 2241 | 2690 |
| | MAXIMUM LOAD OF S.C. COUPLING FACE (kips) | | 651 | 947 | 947 | 1065 | 1125 | 1302 | 1480 | 1776 |
| | PARTING LOAD (kips) | | | | | | | | | |
| | REGULAR COUPLING O.D. | | 1559 | 1901 | 1852 | 2018 | 2125 | 2493 | 2765 | 3299 |
| | SPECIAL CLEARANCE COUPLING O.D. | | 1559 | 1807 | 1717 | 1807 | 1897 | 2259 | 2440 | 2891 |
| | | | OUTSIDE DIA.(in) | INSIDE DIA.(in) | WEIGHT (lb) | | JOINT EFFICIENCY (%) | | 30' JOINT MUD DISPLACEMENT (in ²) | |
| | REGULAR COUPLING | | W | 14.398 | 12.594 | 95.76 | | 108 | | 8649 |
| | SPECIAL CLEARANCE COUPLING | | Wc | 14.126 | 12.594 | 73.16 | | 82 | | 8569 |
| LENGTH OF COUPLING (in) | | NL | 13.089 | | | | | | | |
| MAKE UP LOSS (in) | | ML | 5.642 | | | | | | | |

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