



PANTHER™

| | | | |
|------------------|-----------------------|------------------|--------------|
| Size (in) | Weight (lb/ft) | Wall (in) | Grade |
| 5.5 | 17.00# | 0.304 | ICYP110 |



Material

| | |
|----------------------------|---------|
| Yield Strength Min (psi) | 125,000 |
| Yield Strength Max (psi) | 140,000 |
| Tensile Strength Min (psi) | 125,000 |

Box

| | |
|---------------------------------|----------|
| Box Type | Coupling |
| Box OD API 5CT 9th Edition (in) | 6.050 |
| Tensile Efficiency (%) | 100 |
| Box ID (in) | 5.148 |
| Make-up Loss Length (in) | 3.275 |

Pin

| | |
|-------------|-------|
| Pin ID (in) | 4.892 |
|-------------|-------|

Pipe

| | |
|---------------------------------------|--------|
| Pipe Body Nominal Wall (in) | 0.304 |
| Nominal Pipe ID (in) | 4.892 |
| Drift Diameter (in) | 4.767 |
| Special Drift Diameter (in) | N/A |
| Pipe Cross Section (in ²) | 4.962 |
| Collapse Pressure (psi) | 7,890 |
| Internal Yield Pressure (psi) | 12,090 |
| Pipe Body Yield Strength (kips) | 620 |

Connection Performance

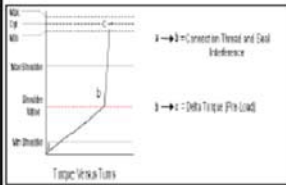
| | |
|-------------------------------|-------------------|
| External Pressure (psi) | Same as pipe body |
| Internal Yield Pressure (psi) | Same as pipe body |
| Joint Strength (kips) | 620 |
| Joint Tensile Efficiency (%) | 100.0 |
| Compression rating (kips) | 620 |

Field Make-up Torque (FF=0.9)*

| | |
|----------------------------------|--------|
| Minimum Torque (ft-lb) | 15,000 |
| Optimum Torque (ft-lb) | 16,000 |
| Maximum Torque (ft-lb) | 17,000 |
| Minimum Shoulder (ft-lb) | 3,000 |
| Maximum Shoulder (ft-lb) | 10,000 |
| Maximum Torsional Value (ft-lbs) | 19,000 |

Notes:
*Torque Data Shown is for BOL 2000 (FF=0.9) Torques are Estimated

UNCONTROLLED



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CAD

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