

DRILL PIPE PERFORMANCE CHARACTERISTICS SHEET

Pipe Size and Weight: 4" x 14.0 PPf Pipe Grade: S Range: RII Tool Joint: 4.875" x 2.563" DPHT38 PIPE Dimensional Data New Wall thickness (in) 0.33 Minimum wall (%) 95.0 ID (in) 3.34 Cross sectional area pipe body (in²) 3.805 Cross sectional area OD (in²) 12.566 Cross sectional area ID (in²) 8.762 Section modulus (in³) 3.229 Polar section modulus (in³) 6.458 Performance Data New Torsional strength (ft-lbs) 41,918 Tensile strength (lbs) 513,646 80% Torsional strength (ft-lbs) 33,534 Burst Pressure capacity (psi) 19,491 Collapse capacity (psi) 20,137
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OOL JOINT
imensional Data New
OD (in) 4.875
ID (in) 2.563
Pin tong length (in) 10
Box tong length (in) 15.5
Connection DPHT38
erformance Data New
Torsional Strength (ft-lbs) 29,500
Max Recommended Make-up Torque (ft-lbs) 17,700
Min Recommended Make-up Torque (ft-lbs) 13,275
Tensile strength (lbs) 648,900
Tool joint/Drill pipe torsional ratio (New pipe) 0.70
brill nine accombly with DBUT29 tool joint
of it pipe assembly with DFH136 tool joint
Average length (ft) 31.5 Drift size (in) 2.438 V V V

Note: Tool Joint and Pipe body values were derived as per API RP 7G and DS1 Latest edition. The above values are for refrence only. DPI LLC is not responsible or liable for any loss or damage or injury resulting from the use of above information.