



CONNECTION DATA SHEET

3-1/2"	12.95 lbs/ft	PH6	N-80	L-80	T-95	P-110
<u>TUBULAR DATA</u>						
Tube O.D. (in.)			3.50	3.50	3.50	3.50
Tube I.D. (in.)			2.750	2.750	2.750	2.750
Grade			N-80	L-80	T-95	P-110
Wall (in.)			0.375	0.375	0.375	0.375
Drift Dia. (in.)			2.625	2.625	2.625	2.625
Pipe Body CSA (in. squared)			3.682	3.682	3.682	3.682
Yld. In Tension (lbs.)			295,000	295,000	350,000	405,000
Internal Pressure Yld. (psi)			15,000	15,000	17,810	20,630
Collapse Pressure Yld. (psi)			15,310	15,310	18,180	21,050
Tube Compression Yld. (lbs.)			295,000	295,000	350,000	405,000
Torsion Yld. (ft.-lbs.)			20,041	20,041	23,799	27,557
Bending Yld. (deg./100ft.)			105	105	124	144
<u>CONNECTION DATA</u>						
Connection O.D. (in.)			4.313	4.313	4.313	4.313
Connection I.D. (in.)			2.687	2.687	2.687	2.687
S/C Dia. (in.)			4.189	4.189	4.189	4.189
Make-Up Loss (in.)			3.350	3.350	3.350	3.350
Conn. CSA (in. squared)			4.319	4.319	4.319	4.319
Tension Efficiency (%)			119	119	119	119
String Length (1.6 SF) (ft.)			14,240	14,240	16,890	19,550
Conn. Int. Yld. (psi.)			15,000	15,000	17,810	20,630
Conn. Collapse Yld. (psi.)			15,310	15,310	18,180	21,050
Conn. Compression (psi.)			419,440	419,440	498,085	576,730
Conn. Torsion Yld. (lbs.)			19,382	19,382	23,016	26,651
Conn. Bending Yld (deg./100ft.)			155.5	155.5	184.7	213.8
Operating Torque (ft-lbs)			15,506	15,506	18,413	21,321
<u>RECOMMENDED MAKE-UP TORQUE (FT-LBS)</u>						
Minimum Make-Up Torque (ft.-lbs)			5,500	5,500	5,500	7,000
Optimum Make-Up Torque (ft.-lbs)			6,188	6,188	6,188	7,875
Maximum Make-Up Torque (ft.-lbs)			6,875	6,875	6,875	8,750

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