



Precision Connections BK-HT

7 in. 41 lb/ft HC-L80 with 7.875 in. Coupling OD

Pipe Body

Nominal OD	7.000	inches
Nominal Weight	41.00	lb/ft
Wall Thickness	0.59	inches
Plain End Weight	40.43	lb/ft
Drift	5.795	inches
Nominal ID	5.820	inches
Grade	HC-L80	
Min Yield	80,000	lbf/in ²
Min Tensile	95,000	lbf/in ²
Critical Section Area	11.881	in ²
Pipe Body Yield Strength	950	kips
Min Internal Yield Pressure	11,800	psi
Collapse Pressure	13,290	psi

Connection

Coupling OD	7.875	inches
Coupling Length	9.000	inches
Make Up Loss	4.500	inches
Critical Section Area	11.859	in ²
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	950	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	46.5	° / 100 ft
Min Make Up Torque	10,000	ft-lbs
Yield Torque	46,550	ft-lbs



Torque Data Sheet - Precision Connections BK-HT

7 in. 41 lb/ft HC-L80 with 7.875 in. Coupling OD

Min Make Up Torque	10,000	ft-lbs
Max Make Up Torque	34,900	ft-lbs
Optimum Torque	16,750	ft-lbs

Max Operating Torque	39,550	ft-lbs
Yield Torque	46,550	ft-lbs

Representative Torque Turn Graph

