



Precision Connections BK-HT

7 in. 38 lb/ft HC-L80 with 7.875 in. Coupling OD

Pipe Body

Nominal OD	7.000	inches
Nominal Weight	38.00	lb/ft
Wall Thickness	0.54	inches
Plain End Weight	37.29	lb/ft
Drift	5.795	inches
Nominal ID	5.920	inches
Grade	HC-L80	
Min Yield	80,000	lbf/in ²
Min Tensile	95,000	lbf/in ²
Critical Section Area	10.959	in ²
Pipe Body Yield Strength	877	kips
Min Internal Yield Pressure	10,800	psi
Collapse Pressure	13,100	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	877	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	46.5	° / 100 ft
Min Make Up Torque	10,000	ft-lbs
Yield Torque	42,200	ft-lbs



Torque Data Sheet - Precision Connections BK-HT

7 in. 38 lb/ft HC-L80 with 7.875 in. Coupling OD

Min Make Up Torque	10,000	ft-lbs
Max Make Up Torque	31,650	ft-lbs
Optimum Torque	15,200	ft-lbs

Max Operating Torque	35,850	ft-lbs
Yield Torque	42,200	ft-lbs

Representative Torque Turn Graph

