



Keeping You Connected.



SEMI PREMIUM CONNECTIONS  
FIELD TESTED. FIELD PROVEN.

## Precision Connections BK

### 4.5 in. 11.6 lb/ft HC-L80 with 5 in. Coupling OD

#### Pipe Body

Nominal OD	4.500	inches
Nominal Weight	11.60	lb/ft
Wall Thickness	0.25	inches
Plain End Weight	11.35	lb/ft
Drift	3.875	inches
Nominal ID	4.000	inches
Grade	HC-L80	
Min Yield	80,000	lbf/in <sup>2</sup>
Min Tensile	95,000	lbf/in <sup>2</sup>
Critical Section Area	3.338	in <sup>2</sup>
Pipe Body Yield Strength	267	kips
Min Internal Yield Pressure	7,780	psi
Collapse Pressure	7,270	psi

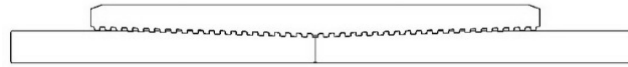
#### Connection

Coupling OD	5.000	inches
Coupling Length	7.875	inches
Make Up Loss	3.938	inches
Critical Section Area	4.472	in <sup>2</sup>
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	267	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	73.3	° / 100 ft
Min Make Up Torque	1,550	ft-lbs
Yield Torque	5,950	ft-lbs

v1.2

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**Torque Data Sheet - Precision Connections BK**

**4.5 in. 11.6 lb/ft HC-L80 with 5 in. Coupling OD**

Min Make Up Torque	1,550	ft-lbs	Max Operating Torque	5,050	ft-lbs
Max Make Up Torque	4,450	ft-lbs	Yield Torque	5,950	ft-lbs
Optimum Torque	2,150	ft-lbs			

**Representative Torque Turn Graph**

