

**Houston International Specialty Inc.**

<b>Size</b>	4.5
<b>Grade</b>	N/L 80
<b>Weight</b>	13.5

## TCPC

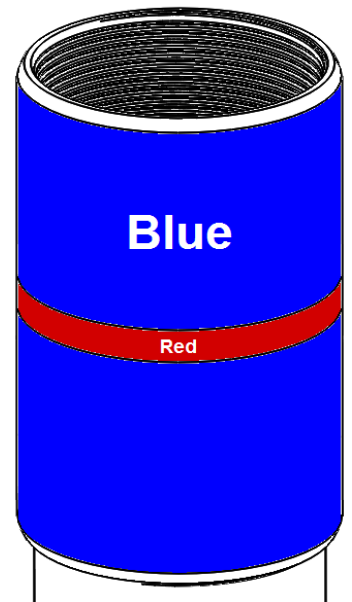
Coupling and Pipe Dimensions (in)						
	Outer Diameter	Inner Diameter	Coupling Length	Make-up Loss	Wall Thickness	Drift Diameter
<b>Coupling</b>	5.000	3.880				
<b>Pipe</b>		3.920	9.250	4.250	0.290	3.795
<b>Pin</b>		3.880				

Torque Values (ft-lbs)				
During Make-Up			Max. Working Torque	Yield Torque
Minimum	Optimum	Maximum**		
2,630	4,650	6,700	9,100	11,300

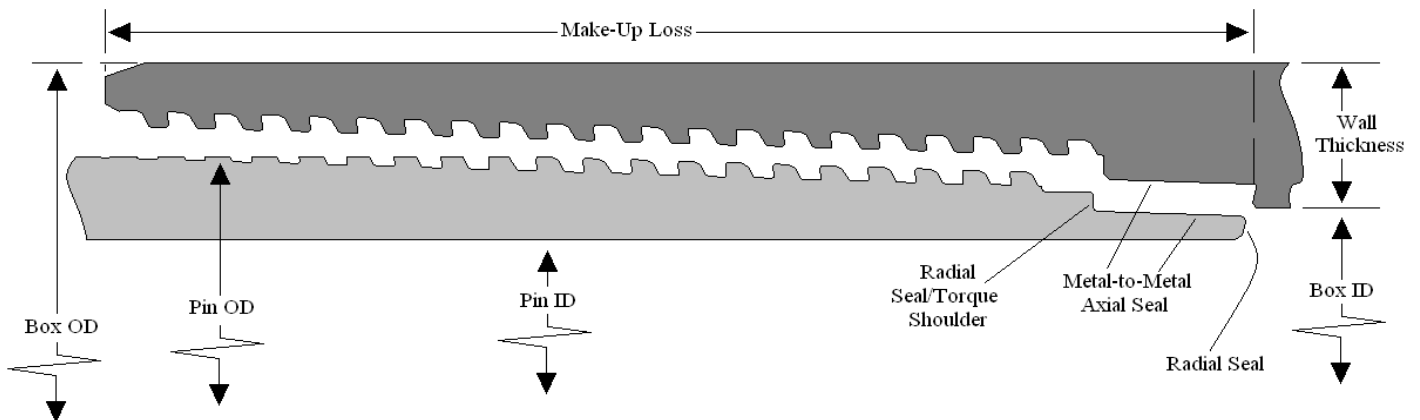
Yield Stress (x1000 lbs.)	
Tensile	Compressive
307	307

Maximum Pressure (psi)	
Internal	External
9,020	8,540

Blanking Dimensions (in)			
	ID (+0.0 -0.032)	OD (+0.032 -0.0)	OAL (+1.5 -0.0)
<b>Box End</b>	3.880	5.000	5.250
<b>Pin End</b>	3.880	4.500	4.750



\*\*Max M/U Torque may be exceeded only by approval from the Thread Representative.



\*Data are for information purposes only. Though HIS has made efforts to ensure accuracy, HIS makes no warranty for loss or damage due to its use.