

**CASING TECHNICAL DATA SHEET**  
**4.5 x 0.25 HCL80 Long Round**

Reviewed by: Sr. Quality Engineer  
 Approved by: Corporate Director-QEHS

TDS Date (MM/DD/YY)

9/1/24

**PIPE BODY DATA**

Nominal Outside Diameter  
 Nominal Wall Thickness  
 Remaining Body Wall (RBW)  
 Type of Thread  
 Grade

Label Weight  
 Plain End Weight  
 Pipe Minimum Yield  
 Pipe Maximum Yield  
 Pipe Minimum Tensile  
 Standard Drift Diameter (min)  
 Alternate Drift Diameter (min)  
 Pipe Body Plain End Yield  
 Pipe Body Internal Yield  
 Collapse Pressure - Standard  
 Collapse Pressure - High

Unit	Imperial	Metric	Unit
in	4.500	114.30	mm
in	0.250	6.35	mm
	95.0%	95.0%	
	Long Round	Long Round	
	HCL80	HCL80	
	11.60	11.60	
lb/ft	11.36	16.91	kg/m
ksi	80	552	MPa
ksi	95	655	MPa
ksi	95	655	MPa
in	3.875	98.42	mm
in	N/A	N/A	mm
lb	267,000	121,110	kg
psi	8,440	58,190	kPa
psi	N/A	N/A	kPa
psi	7,270	50,120	kPa

**CONNECTION DATA**

Coupling Minimum Yield  
 Coupling Maximum Yield  
 Coupling Minimum Tensile  
 Coupling or Joint Outside Diameter (nom)  
 Coupling Thread Fracture Strength  
 Pipe Thread Fracture Strength  
 Pull Out Strength  
 Nominal Make-Up Torque or Make-up Torque Range  
 Coupling Internal Yield  
 Internal Yield of Joint

ksi	80	552	MPa
ksi	95	655	MPa
ksi	95	655	MPa
in	5.250	133.35	mm
lb	622,000	282,130	kg
lb	212,000	96,160	kg
lb	223,000	101,150	kg
ft-lb	2,230	3,020	N-m
psi	13,960	96,250	kPa
psi	8,440	58,190	kPa

**WELED TUBE GENERAL INPUT CRITERIA**

Coupling Color Code  
 Coupling Color Code for the Band  
 Pipe Color Code Identification  
 Additional Color Band (approx.10' from box end)

2" Band(s)

Red
One Brown
One Red, One Brown
Blue

**Note:**

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