



CASING TECHNICAL DATA SHEET
4.5 x 0.29 HCL80 Long Round

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

TDS Date (MM/DD/YY)

6/25/24

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	0.290	7.37	mm
	95.0%	95.0%	
	Long Round	Long Round	
	HCL80	HCL80	
	13.50	13.50	
lb/ft	13.05	19.44	kg/m
ksi	80	552	MPa
ksi	95	655	MPa
ksi	95	655	MPa
in	3.795	96.38	mm
in	N/A	N/A	mm
lb	307,000	139,250	kg
psi	9,800	67,570	kPa
psi	N/A	N/A	kPa
psi	9,240	63,710	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	552	MPa
ksi	95	552	MPa
in	5.250	133.35	mm
lb	622,000	282,130	kg
lb	257,000	116,570	kg
lb	271,000	122,920	kg
ft-lb	2,710	3,670	N-m
psi	13,960	96,250	kPa
psi	9,800	67,570	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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