

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)

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

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

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)

Note:

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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

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	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

	Red
	One Brown
2" Band(s)	One Red, One Brown
	Blue