Welded Tube
Fueling Growth, Shaping Futures

CASING TECHNICAL DATA SHEET
4.5 x 0.29 L80 Long Round

TDS Date (MM/DD/YY)　　　9/1/24

PIPE BODY DATA

	Unit	Imperial	Metric	Unit
Nominal Outside Diameter	in	4.500	114.30	mm
Nominal Wall Thickness	in	0.290	7.37	mm
Remaining Body Wall (RBW)		95.0%	95.0%	
Type of Thread		Long Round	Long Round	
Grade		L80	L80	
Label Weight		13.50	13.50	
Plain End Weight	lb/ft	13.05	19.44	kg/m
Pipe Minimum Yield	ksi	80	552	MPa
Pipe Maximum Yield	ksi	95	655	MPa
Pipe Minimum Tensile	ksi	95	655	MPa
Standard Drift Diameter (min)	in	3.795	96.38	mm
Alternate Drift Diameter (min)	in	N/A	N/A	mm
Pipe Body Plain End Yield	lb	307,000	139,250	kg
Pipe Body Internal Yield	psi	9,800	67,570	kPa
Collapse Pressure - Standard	psi	8,540	58,880	kPa
Collapse Pressure - High	psi	N/A	N/A	kPa

CONNECTION DATA

	Unit	Imperial	Metric	Unit
Coupling Minimum Yield	ksi	80	552	MPa
Coupling Maximum Yield	ksi	95	655	MPa
Coupling Minimum Tensile	ksi	95	655	MPa
Coupling or Joint Outside Diameter (nom)	in	5.250	133.35	mm
Coupling Thread Fracture Strength	lb	622,000	282,130	kg
Pipe Thread Fracture Strength	lb	257,000	116,570	kg
Pull Out Strength	lb	271,000	122,920	kg
Nominal Make-Up Torque or Make-up Torque Range	ft-lb	2,710	3,670	N-m
Coupling Internal Yield	psi	13,960	96,250	kPa
Internal Yield of Joint	psi	9,800	67,570	kPa

WELDED TUBE GENERAL INPUT CRITERIA

Coupling Color Code		Red
Coupling Color Code for the Band		One Brown
Pipe Color Code Identification	2" Band(s)	One Red, One Brown
Additional Color Band (approx.10' from box end)		N/A

Note: