CASING TECHNICAL DATA SHEET
7 x 0.362 HCL80 Long Round

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

TDS Date (MM/DD/YY)   9/2/24

PIPE BODY DATA

	Unit	Imperial	Metric	Unit
Nominal Outside Diameter	in	7.000	177.80	mm
Nominal Wall Thickness	in	0.362	9.19	mm
Remaining Body Wall (RBW)		95.0%	95.0%	
Type of Thread		Long Round	Long Round	
Grade		HCL80	HCL80	
Label Weight		26.00	26.00	
Plain End Weight	lb/ft	25.69	38.21	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	6.151	156.24	mm
Alternate Drift Diameter (min)	in	6.226	158.14	mm
Pipe Body Plain End Yield	lb	604,000	273,970	kg
Pipe Body Internal Yield	psi	7,860	54,190	kPa
Collapse Pressure - Standard	psi	N/A	N/A	kPa
Collapse Pressure - High	psi	6,370	43,920	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	7.875	200.03	mm
Coupling Thread Fracture Strength	lb	1,146,000	519,820	kg
Pipe Thread Fracture Strength	lb	541,000	245,390	kg
Pull Out Strength	lb	511,000	231,790	kg
Nominal Make-Up Torque or Make-up Torque Range	ft-lb	5,110	6,930	N-m
Coupling Internal Yield	psi	11,210	77,290	kPa
Internal Yield of Joint	psi	7,860	54,190	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)		Blue

Note: