

CASING TECHNICAL DATA SHEET
5.5 x 0.275 WTC80 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	5.500	139.70	mm
in	0.275	6.99	mm
	95.0%	95.0%	
	Long Round	Long Round	
	WTC80	WTC80	
	15.50	15.50	
lb/ft	15.36	22.88	kg/m
ksi	80	552	MPa
ksi	N/A	N/A	MPa
ksi	90	621	MPa
in	4.825	122.54	mm
in	N/A	N/A	mm
lb	361,000	163,750	kg
psi	7,600	52,400	kPa
psi	4,990	34,400	kPa
psi	N/A	N/A	kPa

ksi	80	552	MPa
ksi	95	655	MPa
ksi	95	655	MPa
in	6.300	160.02	mm
lb	820,000	371,950	kg
lb	282,000	127,910	kg
lb	295,000	133,810	kg
ft-lb	2,950	4,000	N-m
psi	12,660	87,290	kPa
psi	7,600	52,400	kPa

	Red
	One Brown
2" Band(s)	One Red, One Yellow
	N/A