



CASING TECHNICAL DATA SHEET
4.5 x 0.25 WTC80 Plain End

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	0.250	6.35	mm
	95.0%	95.0%	
	Plain End	Plain End	
	WTC80	WTC80	
	11.60	11.60	
lb/ft	11.36	16.91	kg/m
ksi	80	552	MPa
ksi	N/A	N/A	MPa
ksi	90	621	MPa
in	3.875	98.42	mm
in	N/A	N/A	mm
lb	267,000	121,110	kg
psi	8,440	58,190	kPa
psi	6,350	43,780	kPa
psi	N/A	N/A	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	N/A	N/A	MPa
ksi	N/A	N/A	MPa
ksi	N/A	N/A	MPa
in	N/A	N/A	mm
lb	N/A	N/A	kg
lb	N/A	N/A	kg
lb	N/A	N/A	kg
ft-lb	N/A	N/A	N-m
psi	N/A	N/A	kPa
psi	N/A	N/A	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)

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

Note:

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