

CASING TECHNICAL DATA SHEET
4.5 x 0.337 EPL80 Buttress

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

TDS Date (MM/DD/YY)

1-20-25

PIPE BODY DATA

Nominal Outside Diameter
 Nominal Wall Thickness
 Remaining Body Wall (RBW)
 Type of Thread
 Grade
 Coupling Type

Unit	Imperial	Metric	Unit
in	4.500	114.30	mm
in	0.337	8.56	mm
	95.0%	95.0%	
	Buttress	Buttress	
	EPL80	EPL80	
	11th Edition	11th Edition	

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

	15.10	15.10	
lb/ft	15.00	22.32	kg/m
ksi	82	565	MPa
ksi	95	655	MPa
ksi	95	655	MPa
in	3.701	94.00	mm
in	N/A	N/A	mm
lb	361,000	163,750	kg
psi	11,670	80,460	kPa
psi	N/A	N/A	kPa
psi	11,990	82,670	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	80	552	MPa
ksi	95	655	MPa
ksi	95	655	MPa
in	5.250	133.35	mm
lb	589,000	267,170	kg
lb	385,000	174,630	kg
lb	N/A	N/A	kg
ft-lb	N/A	N/A	N-m
psi	13,140	90,600	kPa
psi	11,670	80,460	kPa

WELDED 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)

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

Note:

Welded Tube has issued this document for general information only. This does not constitute a warranty, MTR, certificate of compliance, or similar. The content of this technical data sheet shall be reviewed by the user for verification of suitability and applicability. Anyone making use of this material does so at their own risk and assumes any and all liability resulting from such use. Welded Tube disclaims any and all expressed or implied warranties of fitness for particular application.

Welded Tube has the right to change this data at any time as an improvement of the product or process.

This is an un-controlled document.