

CASING TECHNICAL DATA SHEET
4.5 x 0.29 HPP110 Buttress

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

TDS Date (MM/DD/YY)

6-26-25

PIPE BODY DATA

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

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

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)

Note:

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Unit	Imperial	Metric	Unit
in	4.500	114.30	mm
in	0.290	7.37	mm
	95.0%	95.0%	
	Buttress	Buttress	
	HPP110	HPP110	
	11th Edition	11th Edition	
	13.50	13.50	
lb/ft	13.05	19.44	kg/m
ksi	125	862	MPa
ksi	140	965	MPa
ksi	125	862	MPa
in	3.795	96.38	mm
in	N/A	N/A	mm
lb	479,000	217,270	kg
psi	15,310	105,560	kPa
psi	N/A	N/A	kPa
psi	12,730	87,770	kPa
ksi	110	758	MPa
ksi	140	965	MPa
ksi	125	862	MPa
in	5.250	133.35	mm
lb	775,000	351,530	kg
lb	452,000	205,020	kg
lb	N/A	N/A	kg
ft-lb	N/A	N/A	N-m
psi	18,070	124,590	kPa
psi	15,310	105,560	kPa

	White
	None
2" Band(s)	One White
	Orange