

TDS Date (MM/DD/YY)

7/9/24

**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:

Unit	Imperial	Metric	Unit
in	5.500	139.70	mm
in	0.415	10.54	mm
	95.0%	95.0%	
	Rattler	Rattler	
	HPP110	HPP110	
	23.00	23.00	
lb/ft	22.56	33.57	kg/m
ksi	125	862	MPa
ksi	140	965	MPa
ksi	125	862	MPa
in	4.545	115.44	mm
in	N/A	N/A	mm
lb	829,000	376,030	kg
psi	17,920	123,550	kPa
psi	N/A	N/A	kPa
psi	16,500	113,760	kPa

ksi	See Next Page	See Next Page	MPa
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in	See Next Page	See Next Page	mm
lb	See Next Page	See Next Page	kg
lb	See Next Page	See Next Page	kg
lb	See Next Page	See Next Page	kg
ft-lb	See Next Page	See Next Page	N-m
psi	See Next Page	See Next Page	kPa
psi	See Next Page	See Next Page	kPa

	White
	One Brown
2" Band(s)	One White
	Orange

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**5.500 x 23.00# P-110 HP Rattler® 95% RBW (Welded Tube Pipe Body)**
**Pipe Body Data**

Nominal OD	5.500	Inches
Wall Thickness	0.415	Inches
Weight	23.00	lb/ft
PE Weight	22.56	lb/ft
Nominal ID	4.670	Inches
Drift	4.545	Inches
Minimum Yield Strength	125,000	PSI
Minimum Tensile Strength	125,000	PSI
RBW	95.0%	Rating

**Connection Data**

Connection OD	6.300	Inches
Connection ID	4.670	Inches
Make-Up Loss	4.175	Inches
Tension Efficiency	100%	Rating
Compression Efficiency	100%	Rating
Yield Strength in Tension	829,000	LBS.
Yield Strength in Compression	829,000	LBS.
MIYP (Burst)	17,920	PSI
Collapse	16,500	PSI
Uniaxial Bending	104.3	°/100 FT

**Make-Up Torque**

Yield Torque	44,500	FT-LBS.
Max Operating Torque	37,800	FT-LBS.
Max Make-Up	20,500	FT-LBS.
Optimum Make-Up	17,800	FT-LBS.
Minimum Make-Up	15,100	FT-LBS.



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 For Technical Support please email [support@fermata-tech.com](mailto:support@fermata-tech.com) or call (281) 941-5257.

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