

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	0.361	9.17	mm
	95.0%	95.0%	
	Rattler	Rattler	
	HCP110	HCP110	
	20.00	20.00	
lb/ft	19.83	29.52	kg/m
ksi	110	758	MPa
ksi	140	965	MPa
ksi	125	862	MPa
in	4.653	118.18	mm
in	N/A	N/A	mm
lb	641,000	290,750	kg
psi	13,720	94,600	kPa
psi	N/A	N/A	kPa
psi	12,200	84,120	kPa

ksi	See Next Page	See Next Page	MPa
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ksi	See Next Page	See Next Page	MPa
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
	None
2" Band(s)	One White
	Blue

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## 5.500 x 20.00# P-110 HC Rattler® 95% RBW (Welded Tube Pipe Body)

### Pipe Body Data

Nominal OD	5.500	Inches
Wall Thickness	0.361	Inches
Weight	20.00	lb/ft
PE Weight	19.83	lb/ft
Nominal ID	4.778	Inches
Drift	4.653	Inches
Minimum Yield Strength	110,000	PSI
Minimum Tensile Strength	125,000	PSI
RBW	95.0%	Rating

### Connection Data

Connection OD	6.300	Inches
Connection ID	4.778	Inches
Make-Up Loss	4.175	Inches
Tension Efficiency	100%	Rating
Compression Efficiency	100%	Rating
Yield Strength in Tension	641,000	LBS.
Yield Strength in Compression	641,000	LBS.
MIYP (Burst)	13,720	PSI
Collapse	12,200	PSI
Uniaxial Bending	91.7	°/100 FT

### Make-Up Torque

Yield Torque	36,000	FT-LBS.
Max Operating Torque	30,600	FT-LBS.
Max Make-Up	16,600	FT-LBS.
Optimum Make-Up	14,400	FT-LBS.
Minimum Make-Up	12,200	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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