

**CASING TECHNICAL DATA SHEET**  
**5.5 x 0.304 HCP110 Rattler**

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

TDS Date (MM/DD/YY)

10-17-24

**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:*

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Unit	Imperial	Metric	Unit
in	5.500	139.70	mm
in	0.304	7.72	mm
	95.0%	95.0%	
	Rattler	Rattler	
	HCP110	HCP110	
	17.00	17.00	
lb/ft	16.89	25.13	kg/m
ksi	110	758	MPa
ksi	140	965	MPa
ksi	125	862	MPa
in	4.767	121.08	mm
in	N/A	N/A	mm
lb	546,000	247,660	kg
psi	11,550	79,630	kPa
psi	N/A	N/A	kPa
psi	8,730	60,190	kPa
ksi	See Next Page	See Next Page	MPa
ksi	See Next Page	See Next Page	MPa
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

2" Band(s)	White
	None
	One White
	Blue

## 5.500 x 17.00# P-110 HC (Welded Tube Pipe Body) Rattler® (95% RBW)

### Pipe Body Data

Nominal OD	5.500	Inches
Wall Thickness	0.304	Inches
Weight	17.00	lb/ft
PE Weight	16.89	lb/ft
Nominal ID	4.892	Inches
Drift	4.767	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	4.892	Inches
Make-Up Loss	4.175	Inches
Tension Efficiency	100%	Rating
Compression Efficiency	100%	Rating
Yield Strength in Tension	546,000	LBS.
Yield Strength in Compression	546,000	LBS.
MIYP (Burst)	11,550	PSI
Collapse	8,730	PSI
Uniaxial Bending	91.7	°/100 FT

### Make-Up Torque

Yield Torque	27,000	FT-LBS.
Max Operating Torque	23,000	FT-LBS.
Max Make-Up	15,500	FT-LBS.
Optimum Make-Up	13,500	FT-LBS.
Minimum Make-Up	11,500	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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