

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	
	HPP110	HPP110	
	20.00	20.00	
lb/ft	19.83	29.52	kg/m
ksi	125	862	MPa
ksi	140	965	MPa
ksi	125	862	MPa
in	4.653	118.18	mm
in	N/A	N/A	mm
lb	729,000	330,670	kg
psi	15,590	107,490	kPa
psi	N/A	N/A	kPa
psi	13,340	91,980	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
	Orange

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5.500 x 20.00# P-110 HP 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	125,000	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	729,000	LBS.
Yield Strength in Compression	729,000	LBS.
MIYP (Burst)	15,590	PSI
Collapse	13,340	PSI
Uniaxial Bending	104.3	°/100 FT

Make-Up Torque

Yield Torque	38,700	FT-LBS.
Max Operating Torque	32,900	FT-LBS.
Max Make-Up	17,800	FT-LBS.
Optimum Make-Up	15,500	FT-LBS.
Minimum Make-Up	13,200	FT-LBS.



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

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