

TDS Date (MM/DD/YY)

5-4-26

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

Unit	Imperial	Metric	Unit
in	9.625	244.48	mm
in	0.352	8.94	mm
	87.5%	87.5%	
	GBCD	GBCD	
	J55	J55	
	11th Edition	11th Edition	
	36.00	53.57	
lb/ft	34.89	51.93	kg/m
ksi	55	379	MPa
ksi	80	552	MPa
ksi	75	517	MPa
in	8.765	222.63	mm
in	N/A	N/A	mm
lb	564,000	255,830	kg
psi	3,520	24,270	kPa
psi	2,020	13,930	kPa
psi	N/A	N/A	kPa

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

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

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)

	Bright Green
	One White
2" Band(s)	One Bright Green
	N/A

Note:

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GB Connection Performance Properties Sheet

Rev. 0 (05/06/2026)

ENGINEERING THE RIGHT CONNECTIONS™

Casing: 9.625 OD, 36 ppf
Casing Grade: WTC J-55

Connection: GB CD Butt 10.625
Coupling Grade: API K-55

PIPE BODY GEOMETRY					
Nominal OD (in.)	9 5/8	Wall Thickness (in.)	0.352	Drift Diameter (in.)	8.765
Nominal Weight (ppf)	36.00	Nominal ID (in.)	8.921	API Alternate Drift Dia. (in.)	N/A
Plain End Weight (ppf)	34.89	Plain End Area (in. ²)	10.254		

PIPE BODY PERFORMANCE**					
Material Specification	WTC J-55	Min. Yield Str. (psi)	55,000	Min. Ultimate Str. (psi)	75,000
Collapse		Tension		Pressure	
API (psi)	2,020	Pl. End Yield Str. (kips)	564	Min. Int. Yield Press. (psi)	3,520
High Collapse (psi)	-	Torque		Bending	
		Yield Torque (ft-lbs)	121,390	Build Rate to Yield (°/100 ft)	26.2

GB CD Butt 10.625 COUPLING GEOMETRY					
Coupling OD (in.)	10.625	Makeup Loss (in.)	5.0000		
Coupling Length (in.)	10.000	Critical Cross-Sect. (in. ²)	18.501		

GB CD Butt 10.625 CONNECTION PERFORMANCE RATINGS/EFFICIENCIES					
Material Specification	API K-55	Min. Yield Str. (psi)	55,000	Min. Ultimate Str. (psi)	95,000
Tension		Efficiency		Bending	
Thread Str. (kips)	639	Internal Pressure (%)	100%	Build Rate to Yield (°/100 ft)	23.7
Min. Tension Yield (kips)	967	External Pressure (%)	100%	Yield Torque	
Min. Tension Ult. (kips)	1,670	Tension (%)	100%	Yield Torque (ft-lbs)	42,980
Joint Str. (kips)	639	Compression (%)	100%		
		Ratio of Areas (Cplg/Pipe)	1.80		

MAKEUP TORQUE					
Min. MU Tq. (ft-lbs)	10,000	Max. MU Tq. (ft-lbs)	20,000	Running Tq. (ft-lbs)	See GBC RP
				Max. Operating Tq. (ft-lbs)*	40,830

Units: US Customary (lbm, in., °F, lbf)

1 kip = 1,000 lbs

* See Running Procedure for description and limitations.

See attached: Notes for GB Connection Performance Properties.

GBC Running Procedure (GBC RP): www.gbconnections.com/resources/running-procedures/

Blanking Dimensions: www.gbconnections.com/resources/documentation/#blanking-dimensions

Connection yield torque rating based on physical testing or extrapolation therefrom

** Casing properties applicable to WTC J-55 grade with min. yield 55 ksi.

