



PATTERSON RENTAL TOOLS

2 7/8" BN 10.40# S-135 IF Drill Pipe

Product:	2 7/8" BN	DP278BNS135W278IF
Tube Size:	2 7/8"	In.
Nominal Weight / Ft.:	10.40#	Lbs./Ft.
Tube Grade:	S-135	
Connection:	NC-31 (2 7/8" IF)	
Tube Specifications		
Inside Diameter:	2.151	In.
Wall Thickness:	0.362	In.
Tensile Yield New:	385,830	Lbs.
Premium:	308,664	Lbs.
Torsional Yield New:	20,800	Ft-Lbs.
Premium:	15,900	Ft-Lbs.
PSI Burst (New/Premium):	29747 / 27197	PSI
Collapse (New/Premium):	29716 / 25602	PSI
Engineering Data:		
Drift Diameter:	1.875"	In.
Adj. Weight / Foot:	11.01	Lbs./Ft.
Avg Jt Length / Jt Weight:	31'	Feet Lbs.
Displacement(Open):	0.168	Gal./Ft.
	0.400	Bbl./100 Ft.
Capacity:	0.189	Gal./Ft.
	0.450	Bbl./100 Ft.
Connection Specifications		
Outside Diameter:	4 1/8"	In.
Minimum OD	3 15/16"	In.
Inside Diameter:	2"	In.
Tensile Yield New:	447,100	Lbs.
Premium:	420,274	Lbs.
Torsional Strength New:	13,200	Lbs./lbs.
Maximum Torque New:	7,100	Ft./lbs.
Minimum Torque New:	6,600	Ft./lbs.
Make Up Torque:		
ID. Markings:	1 groove	
Minimum usage lengths:	Box 5 1/8" Pin 4"	
Special Note:		

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Tubing

1" thru 4 1/2"

Drill Pipe

2 3/8" thru 5 1/2"

Heavy Weight Drill Pipe

2 7/8" thru 6 5/8"

Drill Collars

2 7/8" thru 10"

Blow-Out Preventers

Annular Type

2 9/16" 5M thru 29 1/2" 500 PSI

Hydraulic Ram Type

Single and Double

3 1/16" 10M thru 16 3/4" 5M

Valves Manual & Hydraulic

12" Ball Valves

2 1/16" 5M thru 4 1/16" 15M