



PATTERSON RENTAL TOOLS

4 1/2" BN 20.0# S-135T XTM-43 Drill Pipe

Product:	4 1/2" BN	DP412BNS1352000XTM43
Tube Size:	4 1/2"	In.
Nominal Weight / Ft.:	20#	Lbs./Ft.
Tube Grade:	S-135T	
Connection:	XTM-43	
Tube Specifications		
Inside Diameter:	3.640	In.
Wall Thickness:	0.430	In.
Tensile Yield New:	742,200	Lbs.
Premium:	581,200	Lbs.
Torsional Yield New:	66,400	Ft-Lbs.
Premium:	51,600	Ft-Lbs.
PSI Burst (New/Premium):	22575 / 21460	PSI
Collapse (New/Premium):	23335 / 18806	PSI
Engineering Data:		
Drift Diameter:	2.875 (IPC 2.855)	In.
Adj. Weight / Foot:	21.37	Lbs./Ft.
Avg Jt Length / Jt Weight:	31'	Ft Lbs.
Displacement(Open):	0.327	Gal./Ft.
	0.779	Bbl./100 Ft.
Capacity:	0.528	Gal./Ft.
	1.257	Bbl./100 Ft.
Connection Specifications		
Outside Diameter:	5 1/4"	In.
Minimum OD	5 5/32"	In.
Inside Diameter:	3"	In.
Tensile Yield New:	764,500	Lbs.
Premium:	718,630	Lbs.
Torsional Strength New:	39,200	Ft./lbs.
Maximum Torque New:	23,500	Ft./lbs.
Minimum Torque New:	19,600	Ft.lbs.
Make Up Torque:		
ID. Markings:	1 groove, 2 b. holes	
Minimum usage lengths:	Box 8" Pin 6"	
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