



PATTERSON RENTAL TOOLS

4" BN HWDP W/ 4" FH

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

Product:	4" BN HWDP	
Tube Size:	4"	In.
Nominal Weight/JT	890	Lbs
Connection:	4"FH	
Engineering Data:		
Drift Diameter:	2.438	In.
Adj. Weight / Foot:	29.70	Lbs./Ft.
Avg Jt Length	30	Feet
Displacement(Open):	0.447	Gal./Ft.
	1.064	Bbl./100 Ft.
Capacity:	0.274	Gal./Ft.
	0.652	Bbl./100 Ft.
Connection Specifications		
Outside Diameter:	5 1/4"	In.
Minimum OD	4 15/16"	In.
Inside Diameter:	2 9/16"	In.
Tensile Yield New:	407,550	Lbs.
Torsional Strength New:	24,500	Ft./lbs.
Make Up Torque Min New:	12,300	Ft./lbs.
Make Up Torque Max New:	12,900	Ft./lbs.
Special Note:		

* Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's sole risk. Because conditions of use may vary and are beyond our control, Patterson Services, Inc. makes no representation about, and is not responsible or liable for the accuracy or reliability of the data, described herein. Nothing contained in this document shall be considered a recommendation for any use that may infringe patent rights, or an endorsement of any particular material, equipment, service, or other item. The properties listed in this document are not specification. They are provided as information only and in no way modify, amend, enlarge or create any specification or warranty.



Patterson Services, Inc.
15015 Vickery Drive
Houston, Texas 77032
Phone 281.875.4006
Fax 281.875.2030