



PATTERSON RENTAL TOOLS

5" BN 19.5# GCY-105 w/NC-50 conn.

Product:	5" BN	DP5BNGCY
Tube Size:	5"	In.
Nominal Weight / Ft.:	19.5	Lbs./Ft.
Tube Grade:	GCY-105	
Connection:	NC-50 (4 1/2" IF)	
Tube Specifications		
Inside Diameter:	4.276	In.
Wall Thickness:	0.362	In.
Tensile Yield New:	553,830	Lbs.
Premium:	436,100	Lbs.
Torsional Yield New:	57,600	Ft-Lbs.
Premium:	45,200	Ft-Lbs.
PSI Burst (New/Premium):	13,304/12163	PSI
Collapse (New/Premium):	12999/8765	PSI
Engineering Data:		
Drift Diameter:	3.125/3.105 (IPC)	In.
Adj. Weight / Foot:	22.73	Lbs./Ft.
Avg Jt Length / Jt Weight:	31	Feet Lbs.
Displacement(Open):	0.348	Gal./Ft.
	0.829	Bbl./100 Ft.
Capacity:	0.717	Gal./Ft.
	1.707	Bbl./100 Ft.
Connection Specifications		
Outside Diameter:	6 5/8	In.
Minimum OD	6"	In.
Inside Diameter:	3 1/4"	In.
Tensile Yield New:	1,268,900	Lbs.
Premium:	1,192,860	Lbs.
Torsional Strength New:	51,217/36,524	Ft./lbs.
Maximum Torque New:	30,730	Ft./lbs.
Minimum Torque New:	21,914	Ft./lbs.
Make Up Torque:		
ID. Markings:	Mill slot w/GCY-2	
Minimum usage length:	Box 6 1/8" Pin 4 3/4"	
Special Note:	CY=controlled hardness	

* 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.



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