



PATTERSON RENTAL TOOLS

3 1/2" 12.95# P-110 PH-6 Hydril Type Tubing

Product:	3 1/2"	TUB312PH6P110
Tube Size:	3 1/2"	In.
Nominal Weight / Ft.:	12.95	Lbs./Ft.
Tube Grade:	P-110	
Connection:	PH-6	
Hard Banding/Coating:	NONE	
Tube Specifications		
Inside Diameter:	2.750"	In.
Wall Thickness:	.375"	In.
Tensile Yield New:	405,000	Lbs.
Premium:	324,000	Lbs.
PSI Burst (New / Test):	20630 / 15,100	PSI
Collapse (100% / 80%):	21050 / 16840	PSI
Engineering Data:		
Drift Diameter:	2.625"	In.
Average Joint Length :	31	Feet
Displacement(Open):	0.198	Gal./Ft.
	0.471	Bbl./100 Ft.
Capacity:	0.308	Gal./Ft.
	0.733	Bbl./100 Ft.
Connection Specifications		
Outside Diameter:	4.313"	In.
Inside Diameter:	2.687"	In.
Make Up Min:	7,000	Ft-Lbs
Make Up Max:	8,750	Ft-Lbs
ID. Markings:	2 GROOVES	
Stencil Markings:	"P"	
Torsional yield:	26,651	Ft-Lbs

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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