

PolyPipe Pressurized Pipe



HDPE - High Density Polyethylene Pipe

- High Performance PE4710 *Water Pipe*
- *Fatigue Resistance* validated for service life >100 years
- *100% Leak-Free* using heat fused joining technology
- *Hurricane Resistant*
- *Larger Inside Diameter*
- *Rapid Crack Propagation Resistant*
- *Seismic Resistant*
- Complies with ASTM, API, NSF and *AWWA* (expected Summer 2015)

Pipe Pressure Ratings (psi)

Dimension Ratio	7	9	11	13.5	17	21	26	32.5
Working Pressure Rating (psi)	335	250	200	160	125	100	80	65
Recurring Surge Pressure Rating (psi)	503	375	300	240	188	150	120	98
Occasional Surge Pressure Rating (psi)	670	500	400	320	250	200	160	130

Working Pressure Rating – Allowable continuous maximum operating pressure.

Recurring Surge Pressure Rating – Peak pressure surges caused by normal pipeline operation (i.e. pumps turned off and on, valves opened and closed) occurring at a frequency greater than once per day.

Occasional Surge Pressure Rating – Peak pressure surges caused by events outside normal operation of pipeline (i.e. power outage causing all system pumps to shut down).

Pipe Nominal Inside Diameter (inches)

Dimension Ratio	7	9	11	13.5	17	21	26	32.5
6" DIPS (OD=6.900")	4.810	5.275	5.570	5.816	6.040	6.203	6.337	6.450
8" DIPS (OD=9.050")	6.309	6.918	7.306	7.629	7.921	8.136	8.312	8.460
10" DIPS (OD=11.100")	7.738	8.485	8.961	9.357	9.716	9.979	10.195	10.376
12" DIPS (OD=13.200")	9.202	10.091	10.656	11.127	11.554	11.867	12.124	12.339

*Other Sizes Available Upon Request