

FracDockTM
Intervention-free Frac System

FRAC IT AND FORGET IT



GEDDynamics[®]
Engineered Completion Solutions

FracDock™

Intervention-free Frac System

The patented FracDock™ Intervention-Free Frac Plug System is a replacement for composite bridge plugs in Perf and Plug operations.

System Advantages:

- Designed to eliminate subsequent coiled tubing well intervention
- Limited risk of premature plug setting
- Largest ID frac plug on the market
- Lowest cost solution available to the Operator
- Can be ran with Baker & GO Style setting tools
- 5 ½" - 3.668" can run 2 7/8" tubing
- 4 ½" - 3.063" can run 2 3/8" tubing

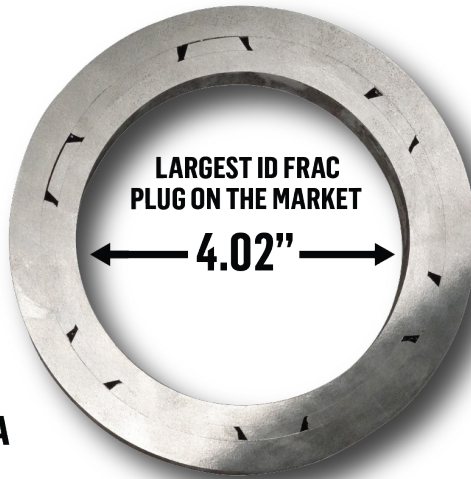
The FracDock™ itself is designed in a manner to eliminate premature setting of the plugs, which is commonplace with the conventional composite frac plugs on the market today.

GEODynamics has a significant IP portfolio in this technology arena, both on the frac plug systems and proprietary ball systems. GEODynamics has extensive knowledge of the “disappearing ball” options available and has performed extensive testing of the products to help select the best commercially available ball for specific well conditions.

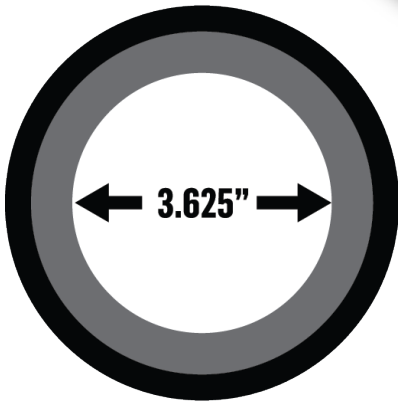
Specifications:

Sizes	Outside Diameter	Inside Diameter	Uncompressed Length	Set Length	Diff Pressure Rating	Ball Diameter	Flow Area
5 ½" 17 lb/ft	4.63"	4.02"	15.36"	9.85"	6000 psi	4.375"	12.69 in ²
5 ½" 20 lb/ft	4.50"	3.90"	15.36"	9.85"	6500 psi	4.25"	11.90 in ²
5 ½" 23 lb/ft	4.38"	3.77"	15.36"	9.85"	7000 psi	4.25"	11.16 in ²
5 ½" 26.8 lb/ft	4.29"	3.62"	15.28"	10.29"	8000 psi	4.125"	10.29 in ²
4 ½" 11.6 lb/ft	3.71"	3.11"	15.00"	9.67"	7000 psi	3.5"	7.60 in ²
4 ½" 13.0 lb/ft	3.63"	3.02"	15.12"	9.69"	8000 psi	3.375"	7.16 in ²
4 ½" 15.0 lb/ft	3.53"	2.93"	15.25"	9.69"	TBD	3.375"	6.74 in ²

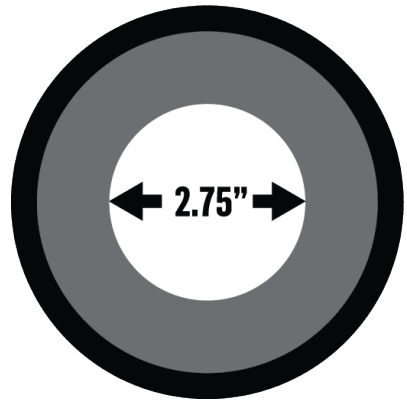
Contact GEODynamics® in regards to ball specifications.



Competitor A

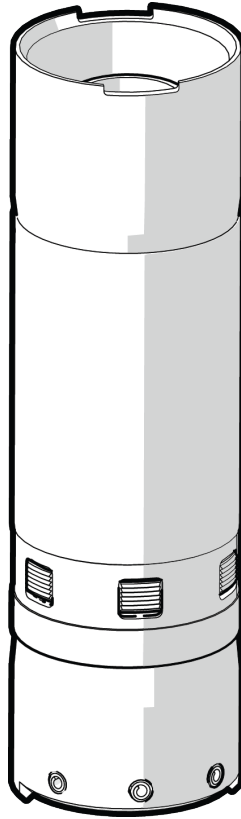


Competitor B



FracDock™

Intervention-free Frac System



**YOU CAN AFFORD TO
COMPLETE MORE WELLS**

FOR MORE INFORMATION CONTACT US:

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www.perf.com