



BLACK GOLD™ DISSOLVABLE FRAC PLUG

“UNMASK YOUR POTENTIAL”

Blackhawk’s BLACK GOLD™ Dissolvable Frac Plug is a high-performance frac plug used as a temporary barrier to separate stages or zones during stimulation or fracturing operations. The BLACK GOLD™ frac plug design offers the most advanced dissolving materials and unlike most designs on the market, contains no elastomer sealing element with minimal rubber components.

As no intervention is required to remove the frac plug, time to production can be decreased improving the overall value of the asset. With its slim-hole design, pump down efficiencies are greatly increased allowing for quicker line speeds during run-in-hole operations

The BLACK GOLD™ frac plug offers a solution for any frac plug operation, especially those in long extended reach laterals, where coiled tubing weight is limited during mill-out operations.

FEATURES AND BENEFITS

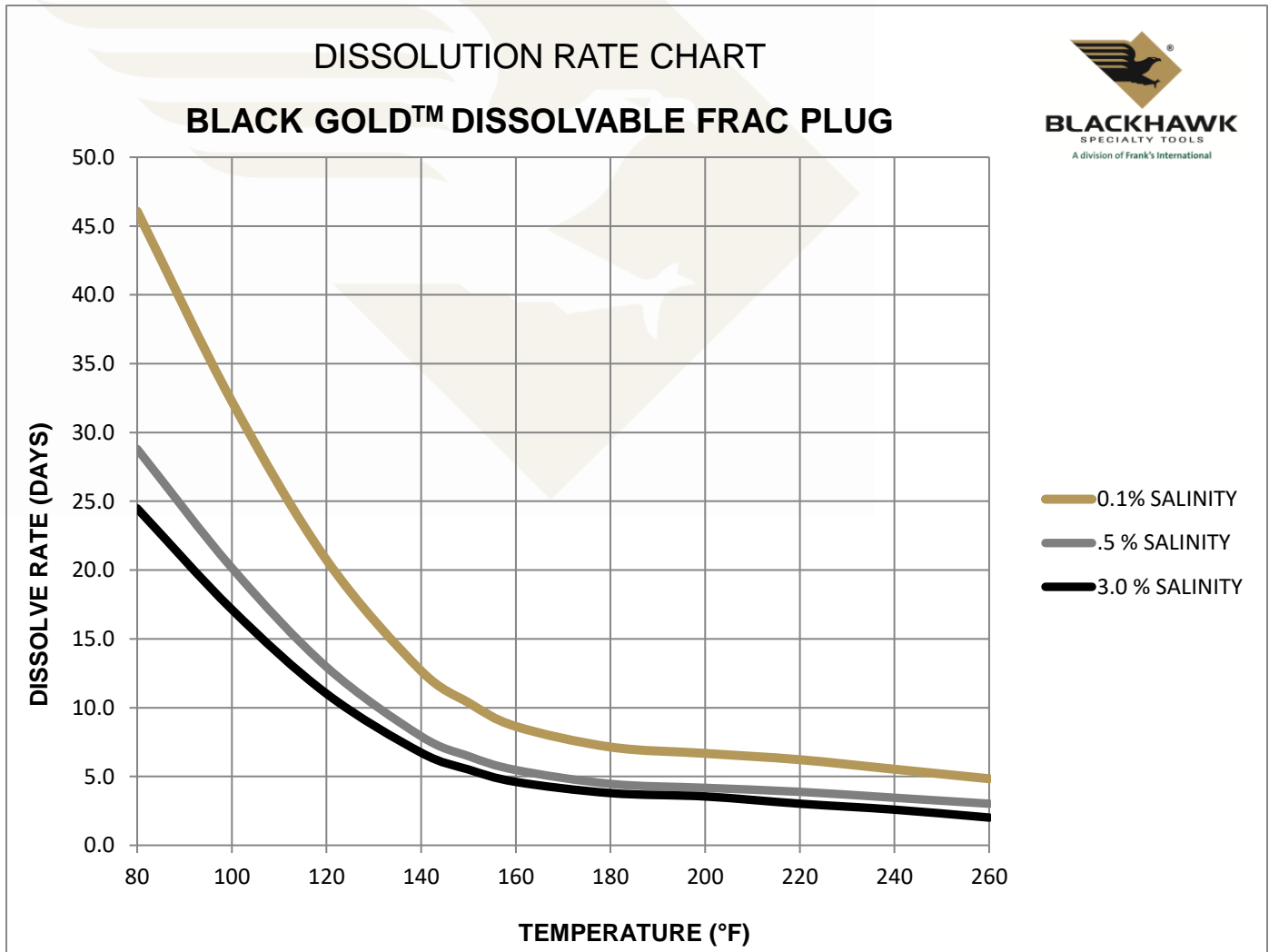
- Manufactured using advanced dissolving materials
- The larger flow-through ID assists in immediate flowback, well cleanup, and quick dissolve rates
- Eliminates the costs and risks of frac plug removal
- Slip design, extrusion ring, load transfer, and cone profiles minimize the risk of swabbing, premature setting, and prevents the need for rubber elastomer components.
- Compact design allows for quicker tripping times and higher pump rates, increasing operator efficiencies and reduces overall spread cost
- RAPID dissolving materials available upon request (see RAPID dissolution chart on Page 3)





SPECIFICATIONS

BLACK GOLD™ DISSOLVABLE FRAC PLUGS							
Casing Size (IN.)	Weight (LBS/FT)	Casing ID Range (IN.)	Max OD (IN.)	Pressure Rating (psi)	Maximum Temperature (°F)	Length (inches)	Setting Tool
4-1/2	11.6 - 13.5	3.853 - 4.069	3.67	10,000	300	15.5	#10
5	18 - 20.3	4.184 - 4.276	3.95	10,000	250	15.5	#10
5-1/2	26 - 26.8	4.500 - 4.548	4.25	10,000	300	16.08	#20
5-1/2	20 - 23	4.578 - 4.868	4.37	10,000	300	15.5	#20
5-1/2	17 - 20	4.695 - 4.976	4.57	10,000	250	15.5	#20
6	24.5	5.109 - 5.230	4.95	10,000	300	15.6	#20





DISSOLUTION RATE CHART BLACK GOLD™ RAPID DISSOLVABLE FRAC PLUG 2" ID - STATIC FLUID

