

# WIZARD® Dissolvable Bridge Plug



VERTECHS WIZARD® fully dissolvable bridge plug is the ultimate solution for plug & perf operations. Conventional bridge plugs, either fast-drilling composite bridge plug or cast iron big-bore bridge plug, used in P&P operation, requires the drill out or milling of the bridge plugs in order to achieve full ID well bore access. However, the game-changing WIZARD™ fully dissolvable bridge plug, manufactured of unique dissolvable materials, dissolves downhole, and then will flow back to surface, leaving ZERO debris downhole. It saves operational time and expense, reduces related risk of casing damage from milling and brings the well into production more quickly. WIZARD™ fully dissolvable bridge plug can be set by conventional wireline or hydraulic setting tools. To activate the system, a Vertechs VVANISH™ dissolvable frac ball will be dropped and chased down to seal the interval, then frac operation can proceed. For complete application flexibility, in planning the WIZARD™ system dissolving phase, the dissolving rate (ROD) can be customized on a case by case basis and designed based on the operational requirements.

## Features:

- 10,000 psi differential pressure rating.
- Designed for temperatures up to 302°F (150°C).
- Holds pressure up to 24 hrs after setting.
- Proprietary anti-preset feature.
- Customized for dissolution in fresh water or high salinity formation fluids.
- Customizable ROD, range from 36 to 250 hours.
- Setting with standard wireline/hydraulic setting tools.
- Fully dissolvable slips & packing elements.
- Suits high API casing grades (Q125 & V140).



## Specifications:

Casing Size	Weight (lb/ft)	Casing Grade
5.5"	17	N80
5.5"	20-23	P110
5.5"	26-26.8	Q125
4.5"	13.5, 15.1	V140
*Specialty designs available upon request		

## Dissolving Process:

