

PIRANHA Dissolvable Cement Retainer




PIRANHA Dissolvable Cement Retainer utilizes two opposite flapper assemblies for remedial cementing operations or zone abandonment. It combines dissolvable metal, dissolvable elastomer and fast-drillable mandrel, meaning after drill-out, the remains and majority of the cuttings will dissolve downhole. The flapper will close automatically after the cement retainer is set and the stinger assembly connected to CT or joint tubing is pulled out. PIRANHA could be deployed with CHAMELEON™ fully dissolvable bridge plug for selective, temporary water shut-off operations.

Features:

- 10,000 psi differential pressure rating
- Suitable for low temperature application at 104°F (40°C), high temperature up to 302°F (150°C)
- Customizable ROD (Rate of Dissolution)
- Dissolvable packing elements
- One-trip setting and squeezing
- Allows tubing pressure test before squeezing
- Flapper automatically closes when the stinger is picked up to seal from both sides
- Bidirectional pressure holding after setting
- Setting with special wireline/hydraulic setting tools



Specification:

Casing Size	Weight (lb/ft)	Casing Grade
4.5"	11.6-15.1	N80 P110 Q125
5"	23.2-24.1	
5.5"	17-26.8	
*Special customizable designs available upon request		