

SmartFin

Vertechs SmartFin is an innovative solution designed for pump-down operations in WL applications. Mounted on adapters or plug bodies, its dissolvable rubber construction expands downhole to provide a larger capture area than the tool string itself. This enables significantly enhanced thrust under the same pumping rate, realizing and ensuring reliable conveyance to target depths in extended-reach wells.

Engineered for extreme downhole environments, this pumping ring maximizes efficiency by reducing pump-down rate, time and water consumption. Its dissolvable material dissolves autonomously under downhole conditions, leaving no debris and eliminating intervention for removal. Compatible with abundant casing configurations, it offers a reliable and efficient solution for modern horizontal well operations.



FEATURES

- Compact and robust design for ultimate reliability
- Fully dissolvable material leaves no debris, ensuring zero impact on subsequent operations

- Easily integrated onto WLAK or other tool assemblies for versatile application
- Single-use product requiring no maintenance and allowing quick replacement

SPECIFICATIONS

Casing Size	Casing Weight (lb/ft)	Material
4.5"	11.6 - 18.8	Dissolvable Rubber
5"	15 - 21.4	
5.5"	17 - 26.8	

Contact Us

engineering@vertechs.com

Chengdu | Dammam | Houston | Calgary | Hong Kong

Disclaimer :

This document and any files transmitted with it are for use between Vertechs Group and external partners related to the Group's business. Unauthorized use is prohibited, and the dissemination, copying, or distribution of this document and its contents is strictly forbidden until the information becomes public or loses its commercial value. Violators will be held legally responsible.