

# NOVA

## FRAC SLEEVE

### DESCRIPTION

The NOVA Frac Sleeve is an innovative ball-activated fracturing system designed to enable a large number of frac stages using dissolvable balls of identical size. This unique approach simplifies operations and improves efficiency by eliminating the need for multiple ball sizes while ensuring consistent stimulation performance across the entire lateral.

By utilizing maximum-size dissolvable balls, the Nova Frac Sleeve minimizes flow restrictions after stimulation. Once the balls have dissolved, the wellbore is left virtually unrestricted for production. The sleeves can then be selectively closed or reopened using the Flex Shifting Tool on coiled tubing – allowing operators to isolate gas or water zones, shut off intervals, or perform full well recompletions when required. Sleeves can also be locked in the open position for continuous production.

This system provides a reliable, intervention-ready solution for multi-stage fracturing, offering flexibility, cost efficiency, and reduced completion times compared to traditional plug-and-perf methods.

### FEATURES

- Cost-effective alternative to conventional plug-and-perf completions
- Compatible with both cemented and open-hole applications
- Ball-drop activation for precise stage control
- Multi-open and close functionality using the Flex Shifting Tool
- Enables continuous pumping and extended laterals
- Provides optimal frac distribution across all stages
- Eliminates the need for milling operations
- Reduces total well completion time

Casing / Liner size in - [mm]	OD Sleeve in - [mm]	ID in - [mm]	Ball Seat Before Milling - in - [mm]	Ball Size in - [mm]
4,5 - [114,3]	5,625 - [142,9]	3,88 - [98,55]	3,54 - [89,9]	3,7 - [94]
5,5 - [139,7]	7,25 - [184,2]	4,75 - [120,7]	4,25 - [108]	4,5 - [114,3]

