

# Dissolvable Plug

Advanced Temporary Zonal Isolation Solution

## Overview

Our **Dissolvable Plug** is engineered to deliver **reliable temporary zonal isolation** during well stimulation operations. Designed with **high-strength, fully dissolvable materials**, the plug eliminates the need for milling, restoring **full-bore access after dissolution**.

With **customizable configurations and dissolution rates**, it provides unmatched flexibility across a wide range of well conditions.

## Design & Functionality

- Equipped with **bi-directional slips** for secure anchoring
- Capable of holding **high differential pressure from above and below**
- Convertible into multiple configurations:
  - Ball-in-place
  - Ball drop
  - Caged ball
  - Bull-headed bridge plug

The plug can be **set using conventional wireline or hydraulic setting tools**, ensuring ease of deployment in standard operations.

## Advanced Material Technology

Manufactured using **proprietary dissolvable materials**, the plug:

- Dissolves completely after stimulation
- Eliminates costly milling operations
- Reduces intervention time and operational risk

The **Rate of Dissolution (ROD)** can be tailored based on:

- Temperature
- Fluid environment
- Operational duration

## Key Feature

- Bi-directional slip design for enhanced anchoring
- Pressure rating up to **15,000 psi**
- Temperature resistance up to **350°F**
- Customizable dissolution rate (ROD)
- Compatible with standard setting tools
- Fully dissolvable packing elements
- Suitable for high-grade casing (Q125 & 140V)

## Simple Operation

Casing Size	Casing Weight (lb/ft)	Casing Grade
3.5"	10.2	N80
4.5"	12.6, 13.5 – 15.1	P110
5.0"	20.3 – 23.2	Q125
5.5"	17.0 – 23.0, 26.0 – 26.8	140V

## Applications

- Multi-stage hydraulic fracturing
- Temporary zonal isolation
- Plug-and-perf operations
- High-pressure, high-temperature (HPHT) wells

## Why Choose Our Dissolvable Plug?

The dissolvable plug offers a cost-effective and operationally efficient alternative to conventional plugs by eliminating post-operation milling, reducing rig time, and ensuring seamless wellbore access after completion.

