

VapR Dissolvable Frac Plug

Our VapR™ dissolvable frac plug is a fully dissolvable frac plug that provides a dependable method for temporary zonal isolation during frac operations in both vertical and horizontal completions. The compact design eliminates milling and post-frac cleanout leaving no debris to remove from the well. The minimalistic design has 60-70% fewer parts than competitive products, thus leaving less material in the well to be dissolved.



Applications

- Single or multi-zone applications
- Vertical, deviated, or horizontal wellbores
- Multi-stage frac, plug-n-perf operations

Features

- Revolutionary design with minimal parts
- Unique bonded seal design
- 60-70% less material than competitive offerings
- Allows reacting fluid to contact both external and internal surfaces
- Larger ID than competitive offerings

Benefits

- Fewer parts increases reliability and performance
- Allows plug to be run faster than conventional element designs
- Less material for faster dissolution
- Consistent dissolution as the reacting fluid touches all surfaces
- Allows higher production prior to full dissolution

Casing		Plug						
Size in. (mm)	Weight range lbf (kg/m)	Max OD in. (mm)	Min ID in. (mm)	Length in. (mm)	Ball Type	Material	Temp. rating °F (°C)	Pressure rating psi (kPa)
4.500 (114.30)	11.6 (17.26)	3.600 (91.44)	1.200 (30.48)	7.240 (183.90)	Ball in place	Dissolvable	200 (93.33)	10,000 (68,947)
4.500 (114.30)	13.5 – 15.1 (20.09 – 22.47)	3.600 (91.44)	1.200 (30.48)	7.070 (179.58)	Ball in place	Dissolvable	300 (148.89)	10,000 (68,947)
4.500 (114.30)	13.5 – 15.1 (20.09 – 22.47)	3.600 (91.44)	1.650 (41.91)	8.310 (211.07)	Drop ball	Dissolvable	300 (148.89)	10,000 (68,947)
5.000 (127.00)	20.3 – 21.4 (30.21 – 31.85)	3.750 (95.20)	1.200 (30.48)	7.637 (193.98)	Ball in place	Dissolvable	200 (93.33)	10,000 (68,947)
5.500 (139.70)	20.0 – 23.0 (29.76 – 34.22)	4.390 (111.51)	1.975 (50.17)	8.975 (227.97)	Drop ball	Dissolvable	200 (93.33)	10,000 (68,947)
5.500 (139.70)	20.0 – 23.0 (29.76 – 34.22)	4.390 (111.51)	1.380 (35.05)	8.950 (227.33)	Ball in place	Dissolvable	200 (93.33)	10,000 (68,947)
5.500 (139.70)	26.0 (38.69)	4.130 (104.90)	1.380 (35.05)	9.225 (234.32)	Ball in place	Dissolvable	200 (93.33)	10,000 (68,947)
6.000 (152.-40)	22.30 (33.69)	4.900 (124.46)	1.730 (43.95)	7.868 (199.85)	Ball in place	Dissolvable	200 (93.33)	10,000 (68,947)
6.000 (152.-40)	24.50 (36.46)	4.900 (124.46)	1.730 (43.94)	7.868 (199.85)	Ball in place	Dissolvable	250 (121.11)	8,500 (58,605)
							200 (93.33)	10,000 (68,947)