



ULTRON®
FRAC PLUGS

“Discover the True Composite Difference..”

VIGOR USA's ULTRON® Composite Frac Plugs utilizes high strength molded composite materials and components to provide clients with a dependable, cost effective and a durable solution during temporary zonal isolations for multi-stage completions in both horizontal and vertical wellbores. Unique light-weight composite plug material delivers exceptional drillability, operational consistency during drillouts

FEATURES AND BENEFITS

- » Rated to 10,000 psi at temperatures ranging up to 300° F
- » Unique Full composite plug material construction with mixed fiber and polyester along with carbon fiber slip design structure
- » Average plug drill out time of 5-8 minutes with a recommended pump down speed of 350 ft/min
- » Minimal Casing damage
- » Anti-preset slip and non-rotating plug design
- » Optional pump down ring
- » Ball in place, ball drop and bridge plug configurations



SPECIFICATION

CASING		COMPOSITE FRAC PLUG				
Size	Weight range	Max OD	Min ID	Length	Temp. rating	Pressure rating
in. (mm)	lb/ft (kg/m)	in. (mm)	in. (mm)	in. (mm)	° F (° C)	psi (MPa)
4.500* (114.30)	13.5 - 15.1	3.500 (89.00)	1.000 (25.40)	19.700 (500.00)	300 (150)	10,000 psi
	(20.09 - 22.47)					(68,9 MPa)
4.500* (114.30)	11.6 - 13.5	3.540 (90.00)	1.000 (25.40)	20.000 (510.00)	300 (150)	10,000 psi
	(17.26 - 20.09)					(68,9 MPa)
5" (127.00)	18.0 - 21.4	3.740 (95.00)	1.000 (25.40)	21.600 (550.00)	300 (150)	10,000 psi
	(26.78 - 31.84)					(68,9 MPa)
5.5" (139.70)	23.0 - 26.0	4.210 (107.00)	1.300 (33.00)	25.600 (650.00)	300 (150)	10,000 psi
	(34.22 - 38.69)					(68,9 MPa)
5.5" (139.70)	17.0 - 23.0	4.29 (109.00)	1.000 (25.40)	25.600 (650.00)	300 (150)	10,000 psi
	(25.30 - 34.22)					(68,9 MPa)
7" (177.80)	20.0 - 32.0	5.709 (145.00)	1.970 (50.00)	29.527 (750.00)	250 (120)	7,500 psi
	(29.76 - 47.62)					(51.7 MPa)

**15k plug ratings available upon request*