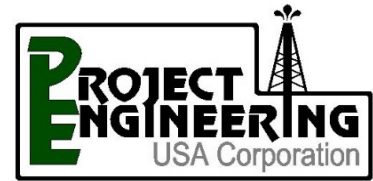


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Float Equipment Product Sheet

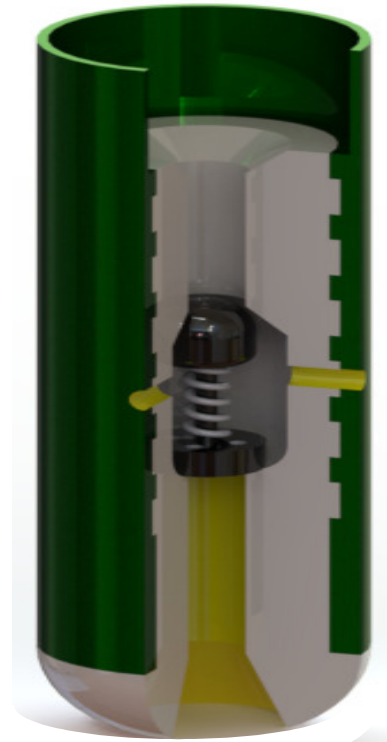
The Project Engineering Hi-Flow float collar and float shoe features a large flow through area minimizing flow restriction during cementing operations. The plunger valve is designed to resist erosion and the sealing surfaces are constructed of bonded elastomer material to provide a reliable seal once the valve has closed. The float collar and float shoe meet API RP10F Category IIIC specifications.

Standard Features

- Erosion resistant, high temperature valve assembly.
- Low differential requirement to close valve.
- Constructed from high strength cement.
- PDC and Tri-cone drillable.
- API RP10F Category IIIC

Optional Features

- Stab In / Latch Down receptacle
- Side ports (up jet, down jet, or side facing) can be provided to improve flow area, reduce plugging, or direct flow for inner-string jobs.
- Auto-fill.
- Dual valve.
- Premium grade corrosion resistant alloys.
- Premium connections.



Size (in)	Weight Range (lb/ft)	Nominal OD (in)	Nominal ID (in)	Drill Out ID (in)	K-55		L-80		P-110	
					Burst (psi)	Collapse (psi)	Burst (psi)	Collapse (psi)	Burst (psi)	Collapse (psi)
4-1/2	9.50 - 15.10	5.000	4.100	4.070	8,663	9,009	12,601	13,104	17,326	18,018
5	11.50 - 21.00	5.563	4.550	4.520	8,763	9,103	12,746	13,241	17,526	18,207
5-1/2	14.00 - 23.00	6.050	5.000	4.970	8,352	8,717	12,148	12,679	16,704	17,434
6-5/8	20.00 - 32.00	7.390	6.050	6.020	8,726	9,069	12,692	13,191	17,452	18,138
7	20.00 - 32.00	7.875	6.540	6.510	8,158	8,534	11,866	12,412	16,316	17,067
7-5/8	20.00 - 39.00	8.500	7.140	7.110	7,700	8,096	11,200	11,776	15,400	16,129
8-5/8	24.00 - 49.00	9.625	8.100	8.070	7,625	8,024	11,091	11,671	15,250	15,856
9-5/8	32.30 - 53.50	10.625	9.000	8.970	7,360	7,769	10,705	11,300	14,720	14,894
10-3/4	32.75 - 55.50	11.750	10.200	10.170	6,348	6,669	9,233	8,910	12,696	11,216
11-3/4	38.00 - 65.00	12.750	11.100	11.070	6,228	6,463	9,059	8,603	12,456	10,778
13-3/8	48.00 - 72.00	14.375	12.800	12.770	5,273	4,831	7,670	6,165	10,546	7,306
16	65.00 - 109.00	17.000	15.250	15.220	4,954	4,286	7,206	5,351	9,908	6,147
18-5/8	84.5 - 117.50	20.000	17.770	17.740	5,366	4,990	7,805	6,403	10,732	7,644
20	95.00 - 133.00	21.000	19.125	19.095	4,297	3,163	6,250	3,674	9,594	4,293

* All sizes available in standard and corrosion resistant alloys