

## Flapper Valves

Superior Completion Services' **Flapper Valves** are uniquely designed to combine optimum fluid loss protection with the ability to easily remove the flapper material. Flappers utilize frangible glass or ceramic materials to withstand high pressure differentials and still provide easy mechanical breakup.

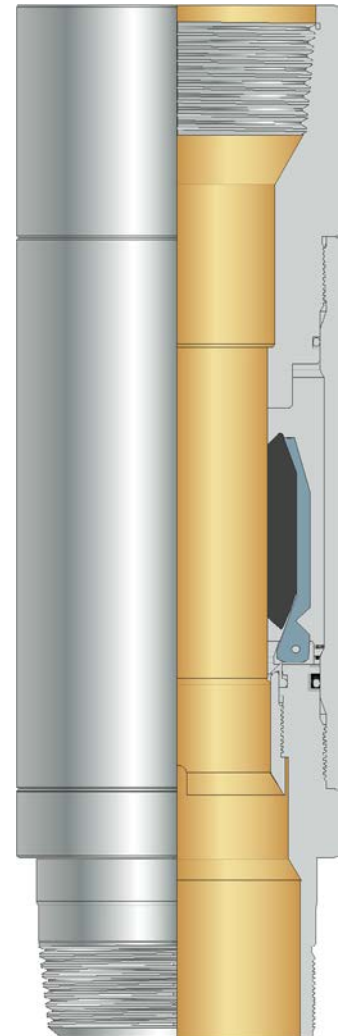
### APPLICATIONS

- Fluid loss control
- Provides optimum fluid loss protection
- Withstands high pressure differentials
- Provides easy mechanical breakup
- Optional hydraulic breakup
- Provides one-way zonal isolation
- Dual flapper valve is available for severe fluid loss applications
- Optional eccentric design for maximum ID

### TECHNICAL DATA

Flapper differential pressure capability ranges from 2,500 to 4,000 psi (17.2 to 27.6 MPa) depending on the size and material selected

Standard temperature rating                      250°F (121°C)  
 Maximum temperature rating                    350°F (177°C)



Flapper Valve							
Casing Size		Maximum OD		Minimum ID		Compatible Packer Bore ID	
inch	mm	inch	mm	inch	mm	inch	mm
5-5½	127-139.7	3.71	94.2	1.930	42.02	2.688	68.275
6 %	168.7	5.01	127.25	2.470	62.73	3.25-4	82.55-101.6
7	177.80	5.57	139.95	2.980	75.69	3.25-4	
		5.545	140.83	2.968	75.38	3.25-4	
7 %	193.60	5.817	147.75	3.307	83.99	4	101.6
		5.972	151.68	3.348	85.03	4	101.6
9 %	244.47	7.015	178.18	3.745	95.12	4	101.6
		8.015	203.58	4.393	111.58	6	152.4
		8.015	203.58	4.645	117.98	6	152.4