

The SUREstraddle system is Gryphon Oilfield’s next generation of straddle tools. Two versions are available in 6,000 and 10,000 psi (41 and 69 MPa) rated tools. Both tools take advantage of the reliable SUREjet packer as the bottom sealing element and a high flow sub with Gryphon’s unique coating as the communication port ensuring reliable fracturing. For the 6,000 psi (41 MPa) version is a simple, cost effective tool with a durable cup mandrel run as the top sealing element. For the 10,000 psi (69 MPa) rated tool, the top section includes a locking unloader valve, cup mandrel and slip package, all in one assembly. The top pressure activated slips ensure that when the tool is set, and pressure is applied to the tubing, there is no chance of the tool moving or the unloaders opening. The high pressure, multi-durometer cups are designed for maximum durability.

Features and Benefits

- Spacing is achieved with 2-3/8 inch (60.3 mm) blast joint with no special components required
- Unique locking unloader keeps the unloader closed when treating or pressure testing
- 10,000 psi (69 MPa) multi-durometer cups for maximum stage counts
- Tool is locked in place by two sets of slips when pumping to ensure that the interval of interest is isolated for the duration of the treatment
- Emergency hydraulic slip release
- Unique component coatings provide element longevity and component erosion resistance
- Unloader valve designed to function effectively in heavy sand-laden environments
- Rated to 400° F (204° C) with standard trim, elastomer upgrades available

Specifications					
Casing Size	Casing Weight	Casing I.D.	Gauge O.D.	Pressure Rating	Connection Size
in mm	lb/ft kg/m	mm in	mm in	psi kPa	in mm
4-1/2 114.3	15.10 22.47	3.823 97.10	3.690 93.73	10,000 68,948	2-3/8 60.3 EUE Box x Pin
	13.50 20.09	3.920 99.57	3.785 96.14		
	11.60 17.26	4.000 101.60	3.785 96.14		
5-1/2 139.7	23.00 34.23	4.670 118.62	4.535 115.19		
	20.00 29.76	4.778 121.36	4.643 117.93		

