

MODEL "GL" SLIDING SLEEVE

DESCRIPTION

The GL Sliding Sleeve is a communication device with a ported inner sleeve that can be opened or closed using a shifting tool by standard slickline or coiled tubing methods. The Sliding Sleeve is made up to and forms part of the tubing string.

The GL Sliding Sleeve is a shift-up-to-open tool. The GL Sliding Sleeve is used to establish a means of communication between the tubing string and the casing annulus for single-tubing or multiple-tubing string completions. The GL Sliding Sleeve may be used for directing flow from the casing to the tubing in alternate or selective completions. Other applications include killing a well, spot acidizing and fracturing, or equalizing pressure between an isolated formation and the tubing string.

BENEFITS

- Closing Sleeve Upper seals are designed to accommodate elastomer swell, to prevent pressure trapping, and to require only a moderate and consistent shifting force.
- Lower seals have all the above features, and in addition are integrally mold-bonded to the Closing Sleeve. This, plus their dynamically determined shape, permits the "GL" Sliding Sleeve to be opened against severe differential from either the casing or tubing side without seal damage.
- Closing Sleeve Skirt - Provides insurance against being blown up the hole during an opening operation. This is accomplished by placing the flow path above the engaging members of any shifting tool.

PRODUCT SPECIFICATION

Model GL Sliding Sleeve						
*Seal Bore ID	Flow Area (Ports)	Flow Area (Min ID)	Max OD	Thread Box x Pin	Shifting Tool	Burst & Collapse (psi)
in.	Sq in.	Sq in.	in.			
1.812	2.839	2.577	2.910	2-3/8" EUE	1.812 "D-2"	Burst = 9,230 Collapse = 9520
1.875		2.762			1.875 "D-2"	
2.250	4.132	3.974	3.410	2-7/8" EUE	2.250 "D-2"	Burst = 9,910 Collapse = 10,470
2.312		4.199			2.312 "D-2"	
2.750	6.105	5.940	4.500	3-1/2" EUE	2.750 "D-2"	Burst = 9,520 Collapse = 10,040
2.812		6.207			2.812 "D-2"	

*Seal Bore ID is also the Minimum ID of the Sliding Sleeve.

