

The SCL Sliding Sleeve is run as an integral part of the tubing string and is used to open or close full communication between the annulus and the tubing. The SCL sleeve contains a pressure balanced inner sleeve, which can be shifted up to open communication between the tubing and annulus or down to close. The sleeve is designed to work reliably even with repeated shifting under high differential pressure. The SCL Sliding Sleeve contains a CF profile nipple in the top sub and an additional polished seal surface in the bottom sub that allows a variety of flow control devices, instrumentation, etc. to be installed in the sleeve.

The SCL Sliding Sleeve is available in several material and thread combinations.

Features

- Pressure balanced design and seal design allows reliable shifting in all conditions using wireline.
- Integral CF profile nipple
- Design of inner sleeve prevents the shifting tool from being blown up the tubing when shifting with gas differential.
- Several sleeves may be used in the same tubing string.
- Available with smaller IDs for use in heavy wall tubing strings.
- Manufactured with box up and pin down to help prevent the sleeve from being inadvertently installed upside down.
- Utilizes common shifting tools and accepts a wide variety of readily available locks and accessory equipment.
- Large flow area – when open, the area of the ports is larger than the tubing ID area

Applications

- Displacement of fluid either to assist production, killing the well, or to re-establish production
- Allows different zones within a well to be selectively produced
- For installation of locks, chokes, instrumentation, etc. in the tubing string

SCL Sliding Sleeve			
Tubing Size	Minimum I.D.	Maximum O.D.	Profile
in	in	in	
mm	mm	mm	
2-3/8	1.875	2.91	1.875 (47.6 mm) CF
	47.6		
	1.812 *		
60.3	46.0	73.9	1.812 (46.0 mm) CF
	1.781 *		1.781 (45.2 mm) CF
	45.2		
2-7/8	2.312	3.41	2.312 (58.7 mm) CF
	58.7		
73.0	2.250 *	86.6	2.250 (57.2 mm) CF
	57.2		
3-1/2	2.812	4.50	2.812 (71.4 mm) CF
	71.4		
88.9	2.750 *	114.3	2.750 (69.9 mm) CF
	69.9		

* Non-standard sizes.

