



SCAB LINER ASSEMBLY

Kline's Scab Liner Assembly is an economical method of isolating casing leaks or existing perforations in producing and injection wells. It can eliminate repetitive squeezing and the need to install a full liner. This assembly is fully retrievable and incorporates a unique design with large bore sizes, enabling standard tubing to run through the liner.

PRODUCING WELLS

For casing leaks in producing wells, a tubing anchor/catcher can be installed below and gas can be produced through the annulus past the isolated zone to the surface, thus preventing gas locking of the rod pump. The scab liner assembly is available from 3 1/2" to 9 5/8".

INJECTION WELLS

Casing leaks can be isolated in injection wells by using a seal bore packer or retrievable injection packer with an on/off tool, then installing the scab liner assembly above to isolate the leak. The tubing string can run through the assembly and is stung into the seal bore packer or latched onto the injection packer.

CASING OD	CASING WT.	MAX. OD	MIN. ID	RUN IN SUB ID	MAX. LINER WEIGHT
3 1/2	7.7-9.2	2.81	1.91	1.62	36,000
4 1/2	9.5-13.5	3.75	2.50	1.50	120,000
5 1/2	13-17	4.64	3.38	2.00	120,000
7	17-29	5.97	4.50	2.38 / 3.00	135,000
7 5/8	29.7-39	6.44	5.00	3.00	130,000
8 5/8	28-40	7.62	6.00	3.00	147,000
9 5/8	32.3-47	8.44	6.50	3.00	147,000

All dimensions listed in inches.