

LOW VOLUME

Pad Plunger

PROBLEM

Liquids tend to fall back down hole with standard plungers.

SOLUTION

Plungers with spring loaded pads are able to create a consistent seal against the tubing walls, despite tubing deviations and imperfections.

PRODUCT OVERVIEW: The PCS pad plunger has spring-loaded pads that expand and contract upon contact with the tubing walls, allowing the plunger to keep a consistent seal with the tubing walls, avoiding liquid fallback. The PCS pad plunger is best suited for low pressure wells, wells with tubing imperfections, and wells producing below their critical flow rates. The unique pad design lasts longer due to the pad's ability to expand as they wear.

PRODUCT SPECS:

Pad Plunger

Tubing Size	Closed OD	Open OD
1 1/2"	1.460	1.595
2 1/16"	1.600	1.700
2 3/8"	1.875	2.020
2 7/8"	2.345	2.500
2 7/8"(optional)	2.210	2.350
3 1/2"	2.570	2.700
3 1/2" (optional)	2.775	2.920

PRODUCT STYLES:

Pad plungers are available with one, two, or three pad standard or long pads. A. Standard 2-pad. B. Long 2-pad.

U.S Patent No. 6,591,737

U.S Patent No. 6,669,449

U.S Patent No. 6,746,213



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