



SCALE

Shock Absorber

PROBLEM

Down hole equipment is restricting production, causing a pressure drop and creating scale build up.

SOLUTION

By removing downhole restrictions, costs for chemical treatments and wirelines are decreased.

PRODUCT OVERVIEW: The PCS Shock Absorber has its own bumper spring built into the plunger, allowing the plunger to run directly off of the seating nipple or standing valve. The internal bumper spring is made from Viton® Rubber, which will not lose its elasticity due to age or abuse.

By removing the downhole restrictions, chemical treatments and wireline costs are decreased.

PRODUCT SPECS:

Pad Shock Absorber

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

Brush Shock Absorber

Tubing Size	Brush OD	Optional
1 1/4"	1.250	N/A
1 1/2"	1.525	N/A
2 1/16"	1.650	N/A
2 3/8"	1.925	1.91
2 7/8"	2.345	N/A

Patent Pending