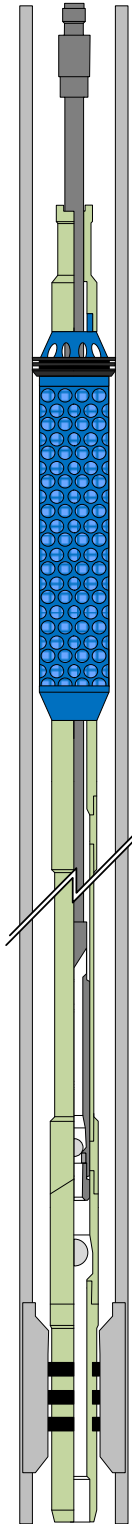


SAND WITCH



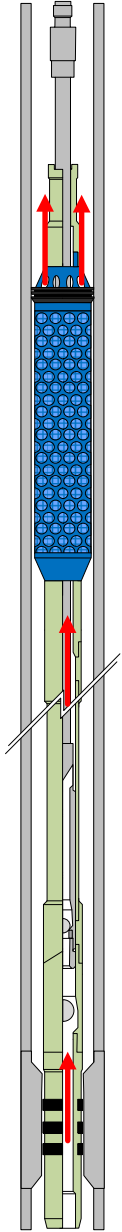
The SandWitch by PetroQuip prevents sand and debris from falling back into the barrel of a Sucker Rod Pump (SRP). The sand can damage the barrel and plunger, reducing pump efficiency and leading to pump failure. The SandWitch uses a proprietary check valve system that stops sand from re-entering the barrel and plunger while allowing fluid to pass. It captures sand and debris when the pump is off and flushes them out when the pump is restarted.

Features and Benefits

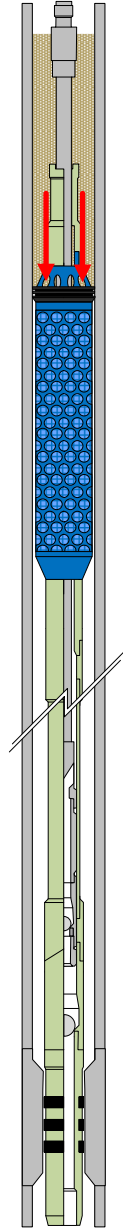
- Keeps fallback debris out of the Plunger and Barrel
- Self Cleaning
- Small increase in the SRP over all length
- Attaches to existing SRPs
- Available in 2-7/8"
- Runs-In and pulls-out with the SRP
- Standard filter length is 48", Custom lengths are available to handle more sand and debris

Size	Filter OD (in)	OAL (in)	Tensile (lbs)	Compression (lbs)	Temp (°F)
2-7/8	2.30	48	10,000		350

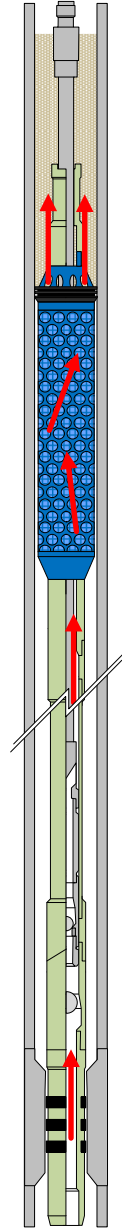
SAND WITCH



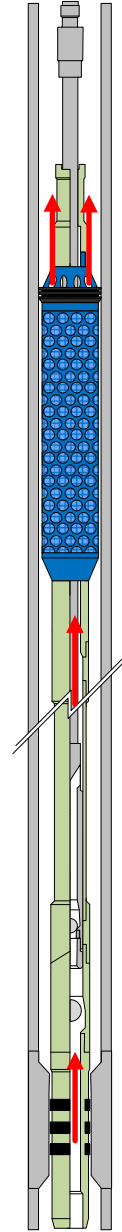
Normal Operation—
Fluids and sand are pumped straight through the filter



Fall Back—
Pump is off, and sand falls back into the filter



Clean Out—Pump is back on, and the filter is cleaned by flow through and around the filter



Normal Operation—
Fluids and sand are pumped straight through the filter