



The Avenger RPT Product line is designed to be deployed with reciprocating rod pumps.

- The Avenger product line is for oil and gas applications.
- The RPT Series for rod pump tool deployments includes Revelant’s materials technology that absorbs specific frequencies of energy from the surrounding environment and allows filtered frequencies to pass through the RPT Series products. The passed-through frequencies drive changes in the physical characteristics of the fluids.
- The RPT consists of composite material located inside a 1.500” OD, thin-walled tube. The assembly is sealed during the manufacturing process at the factory.
- The Revelant materials are not magnetic or nuclear, they do not use radio frequency, they are not vibrationally energized, nor are they externally powered.
- The RPT Series products are designed to mate with the bottom female thread of a cup-type hold down seating assembly of a reciprocating rod pump*.
- The RPT Series is engineered and made in the USA using corrosion resistant alloys.
- The tool capacity rating is based upon barrels of oil per day.

** The RPT is not compatible with a mechanical bottom lock hold down as the seating assembly is not internally threaded.*

Application Considerations

- The RPT Series should be installed as deep as possible downhole so it can condition the oil and water before they undergo temperature and pressure drops that alter the fluids’ composition and which the product is unable to reverse.
- To increase the BPD treatment capacity, a special coupling can be used to multiplex filters.
- Another method to increase capacity is to install RPT Series products in conjunction with Revelant’s TBG products.
- Ensure fluid will flow past the RPT Series before entering the 1” strainer and pump.
- Confirm there is enough distance below the seating nipple for the total length of the RPT Series Assembly. (Confirm no interference with bull plug, mud anchor, de-sander, dip tube, or gas separator.)

Installation Instructions

- Makeup the RPT Series Assembly to the reciprocating rod pump. (For more details, please refer to Revelant’s *Avenger RPT Make-up Instructions*.)

Installation Precautions

- Do not torque across the RPT Series as this may cause irreparable damage.
- Never place wrenches on the body of the RPT Series.

Model	Item Number	Capacity (BOPD)*	Temperature Rating (°F)	Outside Diameter	Overall Length	Weight (pounds)
RPT-5	IA-RPT-005-01	5	350	1.500"	25.6"	6.8
RPT-10	IA-RPT-010-01	10			31.6"	8.1
RPT-15	IA-RPT-015-01	15			37.1"	9.5
RPT-20	IA-RPT-020-01	20			43.6"	10.8



Bottom Hold Down Application

