



The Avenger TBG Product line is designed to be deployed on tubing.

- The Avenger Series product line is for oil and gas applications.
- The TBG Series for tubing deployments includes Revelant’s materials technology that absorbs specific frequencies of energy from the surrounding environment and allows filtered frequencies to pass through the TBG Series products. The passed-through frequencies drive changes in the physical characteristics of the fluids.
- The Avenger TBG incorporates a proprietary, sealed chamber which houses Revelant’s high performing aluminum composite material. The new product is compatible with hydrochloric, hydrofluoric acid stimulation and produced salt water.
- 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 product is engineered in a modular fashion. To increase capacity, simply attach additional TBM modules!
- The flow-wetted components of the product are made of NACE grade low alloy steel for H2S corrosion resistance.
- The tensile strength of the product is equal to that of L-80 tubing.
- The Avenger Series product line is engineered and made in the USA.



TBG

### Application Considerations

- The Avenger products should be installed as deep as possible downhole to 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.
- The modular design makes it easy to increase the treating capacity by simply assembling multiple modules.
- Another method to increase capacity is to install Avenger TBG products in conjunction with Avenger RPT products.
- As a well depletes, the modular design also makes it easy to redeploy no longer needed treating capacity to another well.

### Technical Specifications

Tubing Size	Model	Capacity (BOPD)	Item Number	Outside Diameter	Inside Diameter	Joint Yield Strength	End Connections
2-3/8"	TBG-10	10	IA-TBG-010-20	3.500"	1.995"	104,340 lbs	2-3/8" EUE 8RD
	TBM-10	10	IA-TBM-010-20				
2-7/8"	TBG-15	15	IA-TBG-015-25	4.250"	2.441"	144,960 lbs	2-7/8" EUE 8RD
	TBM-15	15	IA-TBM-015-25				



TBM

## Example of a Rod Pump Installation Application

