

## OUR LOCATIONS

### CORPORATE OFFICE



610 Main St  
Big Spring, TX 79720  
(432) 264-7500  
Fax (432) 714-4723

### PLANT OFFICE



3408 E 11th Place Ext  
Big Spring, TX 79720  
(432) 517-4145  
Fax (432) 517-4528

### SALES OFFICE



1508 E FM 700  
Big Spring, TX 79720  
(432) 268-1000  
Fax (432) 935-6741

**BIG SPRING SALES OFFICE**  
(432) 213-1284

**SOUTH TEXAS SALES**  
(512) 626-9282

**JEFF DaCUNHA**  
(832) 671-3078  
jeff@brexrod.com

[www.superod.com](http://www.superod.com)

FIRSTLY  
**THANK YOU**  
FOR CONSIDERING US!



**SUPERIOR DESIGN & APPLICATION ENGINEERING  
FROM THE  
PIONEERS OF FIBERGLASS RODS**

3408 E. 11th Place Ext. Big Spring, TX 79720 | Phone: 432-517-4145  
E-mail: [info@superod.com](mailto:info@superod.com) | Web : [www.superod.com](http://www.superod.com)



**BEST PRODUCT**  
**BEST CUSTOMER SERVICE**  
**BEST QUALITY CONTROL**  
**BEST WARRANTY**

# WE BUILD QUALITY



The Fiberglass Sucker Rod experience is back in the oilfield, providing the finest sucker rod that has ever existed along with legendary customer service. SUPEROD® offers superior service and the longest lasting sucker rod. SUPEROD® offers a 2 year manufacturing warranty along with a money back guarantee.

SUPEROD® is the most technologically advanced fiberglass sucker rod in the world. The new patented end fitting has the best stress distribution of any end fitting that has ever been built. This gives you a product that will last longer and handle more load than any sucker rod on the planet.

## We stand for SUCCESS

SUPEROD® prides itself in offering customer and technical services that are second to none. SUPEROD® is committed to your financial success.

## We do the WORK

SUPEROD® personnel will design your string, provide installation and troubleshooting services, plus guarantee performance. All for the cost of the rod string.

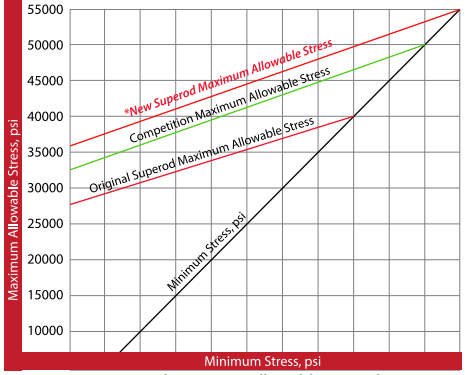
## We offer the BEST

We offer the best product, finest customer service, superior technical assistance and manufacturing quality control from A to Z. More experience than all the other guys combined. Every rod is inspected and cycle tested before it is sent to your well.

## And we do it ON TIME

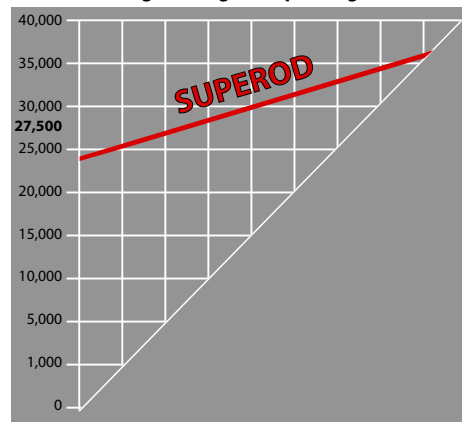
SUPEROD® delivers your string with our company owned trucks to insure proper handling and loading procedures.

NEW Stress Range Diagram for Superod and Other Fiberglass Rods



\*New Superod maximum allowable stress diagram developed using empirical data.

Tensile Strength of High Temp Fiberglass Rods



We recommend 80% rod string loading to achieve maximum rod string cycle life.

## PRODUCT LINE

Our products are made from beginning to end in the United States!



### SUPEROD® SUCKER RODS

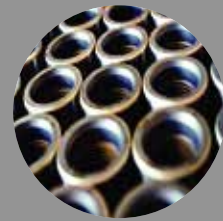
37.5' (11.43 meters) long  
Versus 25' (7.62 meters) for steel

Available Size:  
1-1/4" (31.2mm)  
1" (24.9mm)



### ROD GUIDES

We carry 1.25" with 5 guides for 2 7/8" tubing. We carry 1" with 5 guides for 2 7/8" tubing or 2 3/8" tubing. We also have high temp guided rods. Anything else is special order.



### COUPLINGS

Class T and Spray Metal couplings in standard full size and slim-hole size. Combination couplings and sub couplings are also available upon customer's request.

We also offer Design, Back-off Techs, Temperature Tools & Training Classes.

### TECHNICAL DATA

ROD SIZE	1"	1 1/4"
ROD BODY DIAMETER	.980	1.225"
ROD BODY AREA	.754 SQ. IN.	1.18 SQ. IN.
WEIGHT PER FOOT @ 37.5"	.8188'	1.2879'
API PIN SIZE	7/8"	1"
END FITTING DIAMETER	1.625"	2.00"

### OPERATING PROPERTIES

	1"	1 1/4"
TENSILE STRENGTH* (PSI) MIN/MAX	90,000/115,000	90,000/115,000
MAX WORKING STRESS (PSI)	55,000	55,000
MAX WORKING LOAD (LBS)	41,000	64,000
MAX SHORT TERM LOAD (LBS)	45,000	**70,000
*LIMITED BY STEEL END FITTINGS AND COUPLINGS		
DESIGN MODULUS FOR SUPEROD SUCKEROD - 7.2 MM		
Temperature Range: Superod 0-180° and Superod High Temp 0-245°		
**70,000 may exceed limitations of other equipment; ie. elevators		

### Pump Length (working)

$$\frac{9 \times \text{Footage of FSR} \times 1.75}{1000} = \text{inches (a)}$$

$$\frac{\text{Maximum anticipated down hole pump or Surface stroke, whichever is greater}}{1000} = \text{inches (b)}$$

$$\text{Plunger Length} = \text{inches (c)}$$

$$\frac{2 \times \text{Seating Nipple Depth}}{1000} = \text{inches (d)}$$

$$\frac{\text{Length of Pump (a+b+c+d)}}{1000} = \text{inches}$$

### Pump Spacing

$$\frac{9 \times \text{Footage of FSR}}{1000} + \frac{2 \times \text{Seating Nipple Depth}}{1000}$$

$$= \text{Total distance off bottom in inches}$$

# WE LOOK FORWARD TO SERVICING YOUR NEEDS SOON!

**Calculation Minimum Pump Length**  
(Pump length should be calculated w/highest pump intake pressure)

