

58 DEVONIAN STREET ESTEVAN, SK  
1-306-634-7399



17A 721072 RR53 GRANDE PRAIRIE, AB  
1-780-832-0655

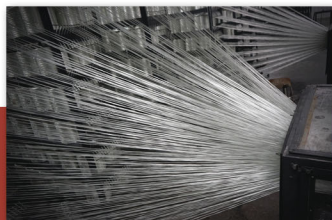


9543-56 AVENUE EDMONTON, AB  
1-780-436-6644



610 910-7 AVENUE SW CALGARY, AB  
1-403-262-1688

SUPEROD FIBERGLASS | TENARIS STEEL | DOWNHOLE SEPARATORS | SUCKER ROD FIELD SERVICE  
AUTOMATION EQUIPMENT & SERVICE | DYNAMOMETER & FLUID LEVEL SERVICE



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

FIRSTLY  
**THANK YOU**  
FOR CONSIDERING US!



SUPERIOR DESIGN & APPLICATION ENGINEERING FROM THE  
PIONEERS OF FIBERGLASS RODS



PROUDLY SUPPLIED IN CANADA BY

**PENTA**  
COMPLETIONS

EDMONTON | ESTEVAN | GRANDE PRAIRIE | CALGARY  
WWW.PENTARODS.COM SALES@PENTARODS.COM

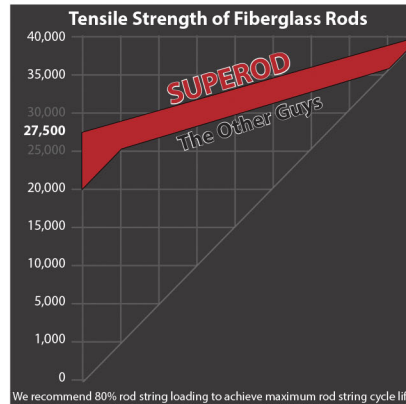


# WE BUILD QUALITY

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 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.

## We do the WORK

SUPEROD® personnel will design your string, provide installation and troubleshooting services, plus guarantee performance.



WE LOOK FORWARD TO  
SERVICING YOUR NEEDS SOON!

## PRODUCT LINE

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



### SUPEROD® SUCKER RODS

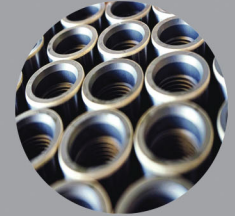
37.5' (11.43 meters) long  
Versus 25' (7.62 meters) for steel

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 Tools, 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

TENSILE STRENGTH* (PSI) MIN/MAX	90,000/115,000	90,000/115,000	90,000/115,000
MAX WORKING STRESS (PSI)	40,000	40,000	40,000
MAX WORKING LOAD (LBS)	23,000	30,000	47,000
MAX SHORT TERM LOAD (LBS)	29,000	40,000	**60,000

\*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°

\*\*60,000 may exceed limitations of other equipment; i.e. elevators

### Pump Length (working)

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

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

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

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

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

### Pump Spacing

$$\begin{aligned} &9 \times \text{Footage of FSR} + 2 \times \text{Seating Nipple Depth} \\ &1000 + 1000 \\ &= \\ &\text{Total distance off bottom} \\ &\text{inches} \end{aligned}$$

## Calculation Minimum Pump Length

(Pump length should be calculated w/highest pump intake pressure)

