

SPM™ Oil & Gas offers a broad range of Sucker Rod Guides focusing on reducing work over costs by minimizing Sucker Rod and Tubing wear. SPM™ Oil & Gas proprietary resins utilize 100% virgin materials to ensure optimal life for your rod guide investment in the most demanding well applications. Our Rod Guides provide cost effective solutions to extending Sucker Rod and Tubing life.

Material Recommendation								
Compound	Base Polymer	Continuous Use Temperature °C / °F	Sweet Service	Sour Service	Hot Oiling	High Water	Sand	Brine
WF	PPA	204°C / 400°F	X	X	X	X	X	X
WB	PPA	177°C / 350°F	X	X	X	X	X	X
WR	PPS	218°C / 425°F	X	X	X		X	X

## Seaboard™ Standard Sucker Rod Guides



### Design Features

- Longer vanes offer additional contact area with the tubing
- Reduces sucker rod coupling and tubing contact
- Tapered ends decrease turbulence which promotes smooth laminar flow
- Sleek design reduces impact when installing in the wellbore
- Assists with removing paraffin from production tubing
- Factory installed injection molded, provides greater bond to the Sucker Rod
- Greater erodible wear volume versus existing designs
- Available in Sucker Rod sizes 3/4, 7/8 and 1 inch
- Available Tubing sizes 2 3/8, 2 7/8 and 3 1/2 inch
- Available in all materials to suit well applications
- 5 1/2 inch length

## Seaboard™ LG Sucker Rod Guides



### Design Features

- Tapered ends decrease turbulence which promotes smooth laminar flow
- Excellent erodible wear volume promotes increased run times
- Factory installed injection molded, provides greater bond to the Sucker Rod
- Sleek design reduces impact when installing in the wellbore
- Available in Sucker Rod sizes 3/4, 7/8 and 1 inch
- LG Series available Tubing size 2 7/8 inch
- Available in all materials to suit well applications
- 9 inch length

## Seaboard™ LGXW Sucker Rod Guides



### Design Features

- LGXW encompasses a wider vane width which provides increased protection in deviated wells
- Tapered ends decrease turbulence which promotes smooth laminar flow
- Excellent erodible wear volume promotes increased run times
- Factory installed injection molded, provides greater bond to the Sucker Rod
- Sleek design reduces impact when installing in the wellbore
- Available in Sucker Rod sizes 3/4, 7/8 and 1 inch
- Available Tubing sizes 2 3/8, 2 7/8 and 3 1/2 inch
- Available in all materials to suit well applications
- 9 inch length

## Seaboard™ Helix Jr. Sucker Rod Guides

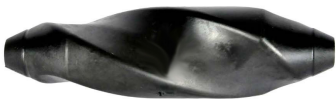


### Design Features

- Wide vane design for increased protection
- Helix design provides greater contact surface with production tubing
- Reduces paraffin build up on production tubing
- Factory installed injection molded, provides greater bond to the Sucker Rod

- Sleek design reduces impact when installing in the wellbore
- Available in Sucker Rod sizes  $\frac{3}{4}$ ,  $\frac{7}{8}$  and 1 inch
- Helix Jr. available Tubing sizes 2  $\frac{3}{8}$  and 2  $\frac{7}{8}$  inch
- Available in all materials to suit well applications
- 5 inch length

## Seaboard™ Helix Sucker Rod Guides

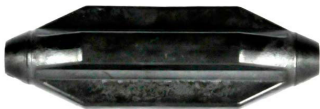


### Design Features

- Wide vane design for increased protection
- Helix design provides greater contact surface with production tubing
- Reduces paraffin build up on production tubing
- Factory installed injection molded, provides greater bond to the Sucker Rod.

- Sleek design reduces impact when installing in the wellbore
- Available in Sucker Rod sizes  $\frac{3}{4}$ ,  $\frac{7}{8}$  and 1 inch
- Available Tubing sizes 2  $\frac{3}{8}$ , 2  $\frac{7}{8}$  and 3  $\frac{1}{2}$  inch
- Available in all materials to suit well applications
- 8 inch length

## Seaboard™ MRG Sucker Rod Guide



### Design Features

- Tapered ends decrease turbulence which promotes smooth laminar flow.
- Increased erodible wear volume as compared to standard guide designs.
- Factory installed injection molded, provides greater bond to the Sucker Rod.

- Sleek design reduces impact when installing in the wellbore.
- Available in Sucker Rod sizes  $\frac{3}{4}$ ,  $\frac{7}{8}$  and 1 inch
- Available Tubing sizes 2  $\frac{3}{8}$  and 2  $\frac{7}{8}$  inch
- Available in all materials to suit well applications
- 6 inch length

## Seaboard™ SRC Sucker Rod Centralizer



### Design Features

- For use in Progressing Cavity Pump applications
- Two piece design, reduces friction by allowing spool to rotate freely inside centralizer
- Centralizes Sucker Rod to minimize rod coupling to tubing contact
- Factory installed injection molded spool
- Temperature range up to 80°C / 180°F

- Centralizers are field replaceable
- Rotating spool provides excellent wear resistance
- Sleek design reduces impact when installing in the wellbore
- Available in Sucker Rod sizes  $\frac{3}{4}$ ,  $\frac{7}{8}$  and 1 inch
- Available Tubing sizes 2  $\frac{7}{8}$  and 3  $\frac{1}{2}$  inch
- 8 inch length