

ORD Problem Solved!

ParkerSlick: Less friction, better adhesion



Parker's new innovative external coating, ParkerSlick, was designed to provide excellent adhesion and friction properties beyond that of standard polytetrafluoroethylene (PTFE) coatings. It not only serves as an identification

aid, but also reduces drag friction during installation and dynamic applications. Its uses are broad enough to accommodate any market and application, from general assembly lines to critical hydraulic valves.

ParkerSlick is dry to the touch and does not rub or flake off easily. It comes in an array of contrasting colors which can be used to help distinguish between similar parts on assembly lines.

Available colors:

Black
Brown
Gray
Green
Orange
Pink
Purple
Red
White
Yellow
Blue
Clear

For additional information on this coating, please contact O-Ring Division application engineers at 859-335-5101 or visit www.parkerorings.com. Samples available upon request.



Application Story

Innovative coating provides immediate relief

Application:

Hydraulic shutdown controller used to close pipeline valves instantly when sensing a high pressure disturbance.

Problem:

The frictional drag of the o-ring was causing a delay in the closing of the controller valve, allowing dangerous pressures to enter the system. In extreme cold temperatures, the friction became so high that it was nearly impossible to close the valve. These malfunctions can result in fire.

Parker Solution:

Parker recommended the customer to use a low temperature material seal coated in ParkerSlick to help reduce friction.

Outcome:

ParkerSlick reduced friction by 50% in temperatures as low as -60°F. With ParkerSlick, the controller now shuts down instantaneously as designed.