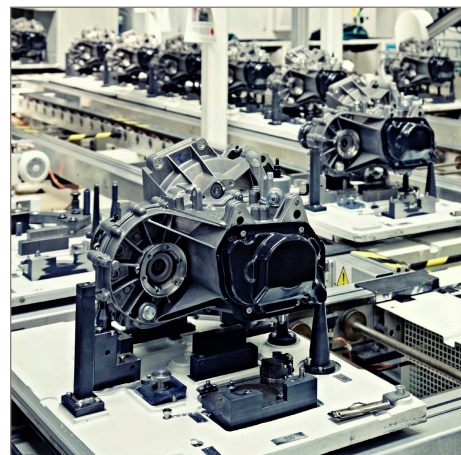


# High-tech Seal Coatings

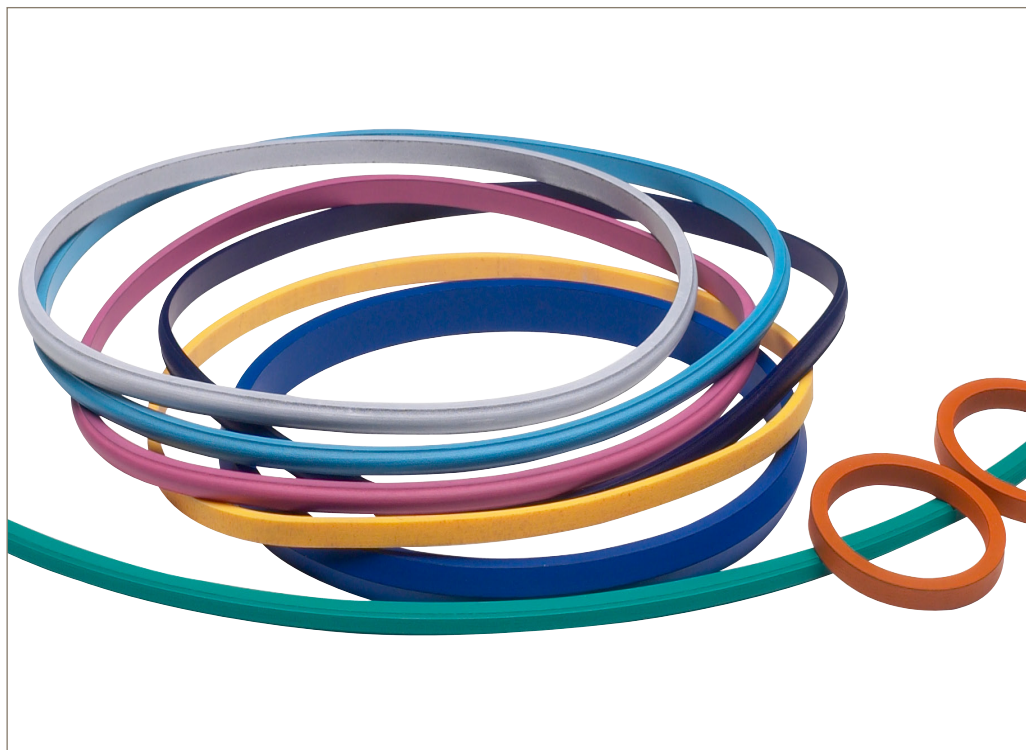


## Protect Your Seals:

Parker TechSeal Division offers several different surface coatings to improve seal performance and extend seal life. TechSeal can apply these treatments to lengths, cut parts, and spliced gaskets. Some of our popular coatings are Parker Slick, Parker DuraMed, and PTFE.

These coatings provide a variety of advantages: reduction of installation and operating friction, elimination of sticking of components after long storage, and prevention of exposure to environmental factors such as oils, greases, chemicals, and air that can compromise the seals integrity. As a result, TechSeal's coated seals last longer and perform better, increasing equipment's operating efficiency.

For more information on which coating is ideal for your product, please contact our Application Engineering department.



## Contact Information:

Parker Hannifin Corporation  
**TechSeal Division**  
3025 West Croft Circle  
Spartanburg, SC 29302

phone 864 573 7332  
fax 864 583 4299

[www.parker.com/techseal](http://www.parker.com/techseal)

## Product Features:

- Protect seals from exposure to chemicals and air
- Reduce absorption of oils and greases
- Eliminate sticking of components
- Reduce the effects of blooming during storage
- Reduce installation and operation friction
- Increase lubricity and operation flexibility
- Can be applied to lengths, cut parts or spliced gaskets



ENGINEERING YOUR SUCCESS.

# Coating Technical Information

TechSeal Division Coating Descriptions	
Coating	Description
Parker Slick	Non-PTFE dry thermoplastic coating. Reduces installation friction.
Parker DuraMed	Thin, USP Class VI medical grade coating. Reduces friction and the effect of chemical exposure. Increases longevity.
PTFE	Thin, dry thermoplastic coating. Reduces operation friction, eliminates sticking problems during storage.
Silicone Dip	Clear, shiny, wet coating. Increases lubricity.

TechSeal Division Coating Characteristics			
Coating	Dry / Wet	Adhesion	Colorable
Parker Slick	Dry	Very Good	Yes
Parker DuraMed	Dry	Good	No
PTFE	Dry	Good	Yes
Silicone Dip	Wet	N/A	No

TechSeal Division Coating Performances			
Coating	Automated Feeding Performance	Installation Force Reduction	Longevity of Use
Parker Slick	Very Good	Very Good	Good
Parker DuraMed	Very Good	Good	Very Good
PTFE	Very Good	Good	Fair
Silicone Dip	Good	Fair	Poor

**Note:** These tables are general guidelines on coating selection, please consult our Application Engineers for specific recommendations for your applications.

