

# New Fluid Power Reference Guide

Provides Industrial Appropriate Materials, Temperatures and Descriptions.



## Fluid Power Material Reference Guide

Not sure which material is best for your application? Call our application engineers, business development managers or field sales team to help.

Compound	Recommended For	Temperature	Compound	Recommended For	Temperature
E0540-80	General purpose	-70 to 250°F	N1173-70	General purpose	-25 to 300/325°F
E0652-90	High pressure, back-up rings	-60 to 250°F	KB163-90	High temperature hydraulics, high pressure	-25 to 300/325°F
V0884-75*	General purpose, UL listed	-15 to 400°F	N0674-70	General purpose, UL listed	-30 to 250°F
V1164-75	Low set	-15 to 400°F	N1470-70	General purpose	-40 to 225°F
V1475-75	General purpose	-15 to 400°F	N0951-75	High temperature, Low compression set	-25 to 275°F
V0709-90	High pressure	-15 to 400°F	N0552-90	High pressure	-30 to 250°F
V0894-90*	High pressure	-15 to 400°F	N0702-90	High pressure, low compression set	-30 to 275°F
V1411-90	High pressure	-15 to 400°F	N1490-90	High pressure	-30 to 250°F


\*Compounds are brown in color.  
Compounds that do not have an \* are black in color.

Parker Hannifin Corporation • O-Ring Division • 2360 Palumbo Drive • Lexington, KY 40509  
Ph: 859 269 2351 • Fax 859 335 5128 • ordmailbox@parker.com • www.parker.com

# New O-Ring Coating Matrix Bulletin Available!

### O-Ring Coatings

Advanced coating methods for all of your application needs



### O-Ring Coating Descriptions

Coating	Definition
PTFE	Thin, dry fluorocarbon coating.
Perfluorok	Non-PTFE dry fluorocarbon coating.
Silicone Dip	Clear, shiny, dry coating.
MIL-Lube	Clear, shiny, dry coating providing extra low friction.
Miscel CR	Shiny, semi-dry coating providing low friction.
Metallic	Shiny, semi-dry coating providing low friction.
Silicone CR	Clear, shiny, wet coating, limited applications.

### O-Ring Coating Matrix\*

Coating	Dry or Wet	Adhesion	Colorable	Automated Feeding Performance	Installation Force Reduction	Longevity of Use
PTFE	Dry	Good	Yes	Very Good	Very Good	Fair
Perfluorok	Dry	Very Good	Yes	Very Good	Very Good	Good
Silicone Dip	Dry	N/A	No	Good	Fair	Poor
MIL-Lube	Dry	N/A	No	Very Good	Very Good	Poor
Miscel CR	Wet	N/A	No	Fair	Good	Poor
Metallic	Dry	N/A	No	Fair	Good	Poor
Silicone CR	Wet	N/A	No	Poor	Good	Poor

### Surface treatments:

Parker offers a variety of O-ring surface treatments for various application needs. These external treatments can be in the form of dry or wet coatings or dips. Surface treatments are used for numerous reasons, the most common are friction reduction, ease of installation and retaining color (for easy identification).

Application specific and O-ring polymer type dictate which of the coating treatments are best suited for you. For help determining which treatment to use in your application, contact the Parker O-Ring Division and speak with an application engineer.

### Advantages:

- Reduces installation force
- Color identification
- Wear life can be increased
- Can reduce and/or prevent damage from automated equipment

### Contact Information:

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www.parker.com

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## ORD 5757 O-Ring Coatings

Parker offers a variety of O-ring surface treatments for various application needs. External treatments can take the form of dry or wet coatings or dips. They are used for a number of reasons but the most common uses are:

- Friction reduction
- Ease of installation
- Color identification

To determine which coating is best for your application, contact the Parker O-Ring Division and speak to one of our applications engineers.

## Did You Know We Can Make O-rings With A Cross Section As Large As .750 Inches?

Contact the O-Ring Division's pricing department for a quote today!

Main Switchboard: 859-269-2351  
Pricing roll-over line: 859-268-5096  
General e-mail box: pricing.org@parker.com

## Are You Getting What You Need?

For suggestions, success stories or topic ideas, contact Samantha Sexton at ssexton@parker.com or mail your ideas to:

Parker O-Ring Division  
Marketing Communications,  
2360 Palumbo Drive,  
Lexington, KY 40509