

# Parco

## 9500-75 Fluorocarbon Seals

### Need 75-Durometer Fluorocarbon O-rings Tomorrow?

Parco is committed to being the leader in low-cost, general-purpose, 75-durometer fluorocarbon O-rings. We've doubled our inventory, and cut our minimums in half. So when you need 75-durometer fluorocarbon O-rings, you no longer have to check multiple sources for available inventory and competitive prices. Make Parco your first choice for 75-durometer fluorocarbon O-rings.

#### 9500-75 Meets Your Needs

##### 1. Consistent Quality

For nearly 25 years, 9500-75 O-rings have been used in a wide variety of applications with great results. We provide batch number and cure date traceability with every shipment. Parco's 9500-75 fluorocarbon O-rings also have excellent physical properties (see test report on reverse side). So when you specify 9500-75, rest assured that you've made the right choice.

##### 2. Huge Inventory

We carry more than 10 million pieces of 9500-75. And we stock all 369 standard sizes. We've also made it easy to check stock. Using our website, you can view our inventory 24 hours a day. If we receive your order before 2:30 p.m. Pacific time, you can receive your parts as soon as the next business day.

##### 3. Exceptional Prices

Parco's 9500-75 prices are among the lowest around. We work with the best suppliers, buy in large volumes, and sell our parts in standard-quantity bags. Those features allow us to provide you with 75-durometer fluorocarbon O-rings at a great price.

##### Rely on Parco

Parco is a leading manufacturer of high-performance seals. We specialize in developing proprietary elastomeric compounds and bonding techniques. Parco's seals are available in more than 800 compounds.

Founded in 1941, Parco was the first manufacturer to specialize in O-rings. Our modern 154,000 square-foot facility is one of the largest plants in the world making molded rubber seals. Parco also makes custom-molded elastomeric products, including rubber-to-metal bonded parts. In addition, Parco imports and resells molded rubber seals.

For more information on Parco's 9500-75 O-rings or to obtain samples, please contact a Parco customer service representative.

## Key Features

Parco's 9500-75 fluorocarbon seals are ideal for a variety of general-purpose applications. Key features include the following:

- **Excellent resistance to compression set:**  
Parco 9500-75 seals have a compression set of only 12 percent after 22 hours at 392°F.
- **Wide range of service temperatures:**  
Parco 9500-75 seals are suitable for applications ranging from -10 to +450°F.

## Chemical Resistance

USE WITH	DO NOT USE WITH
Carbon Tetrachloride Diester Synthetic Lubricants Gasoline Hot Air Toluene	Acetone Amines Ethyl Acetate

## Typical Values for Compound 9500-75 General-purpose 75-durometer fluorocarbon

Section of Spec.	Physical Property	Requirement <sup>1</sup>	Typical Value	ASTM <sup>2</sup> Test Method
Z1	<b>Original Properties</b>			
	Hardness, Shore A	75 ± 5	77	D2240
	Tensile strength, MPa (psi), min.	10(1450)	11.8(1711)	D412
	Ultimate elongation, pct., min.	150	212	D412
Basic	<b>Fluid Aging, IRM<sup>3</sup> 903 Oil 70 hours at 150°C (302°F)</b>			
	Volume change, pct., max.	10	3	D471
A1-10	<b>Heat Aging 70 hours at 250°C (482°F)</b>			
	Hardness change, pts., Shore A, max.	10	2	D573
	Tensile strength change, pct., max.	-25	2	
	Ultimate elongation change, pct., max.	-25	-14	
B38	<b>Compression Set, Plied 22 hours at 200°C (392°F)</b>			D395 Method B
	pct. of original deflection, max.	15	12	
EF31	<b>Fluid Aging ASTM, Reference Fuel C 70 hours at 23°C (73°F)</b>			D471
	Hardness change, pts., Shore A	±5	-4	
	Tensile strength change, pct., max.	-25	-17	
	Ultimate elongation change, pct., max.	-20	-14	
	Volume change, pct.	0 to 10	4	
EO88	<b>Fluid Aging, Blend 7700 70 hours at 200°C (392°F)</b>			D471
	Hardness change, pts., Shore A	-15 to 5	-6	
	Tensile strength change, pct., max.	-40	-22	
	Ultimate elongation change, pct., max.	-20	-18	
	Volume change, pct.	25	18	

<sup>1</sup>Compound 9500-75 meets the requirements shown above for ASTM D2000 M6HK810 A1-10 B38 EF31 EO88 Z1. <sup>2</sup>ASTM is the acronym for the American Society for Testing and Materials. <sup>3</sup>IRM is the acronym for Industry Reference Material.

Source: Parco Test Report 9288.

△ This brochure is intended as a guideline and reference. Appropriate testing and validation by users having technical expertise is necessary for proper use of Parco products.

# Parco

Parco, Inc., 1801 S. Archibald Ave., Ontario, California 91761  
909-947-2200 Fax 909-923-0288 parcoinc.com