

Parco

5600-70 EP Seals

Need 70-Durometer EP O-rings Tomorrow?

Parco is committed to being the leader in low cost, general-purpose, 70-durometer ethylene-propylene (EP) O-rings and now we stock all 369 standard sizes. We also reduced our prices and cut our minimums in half. So when you need 70-durometer, sulfur-cured EP O-rings, you no longer have to check multiple sources for available inventory and competitive prices. Make Parco your first choice for 70-durometer EP O-rings.

5600-70 Meets Your Needs

1. Excellent Physical Properties

Parco's 5600-70 EP O-rings have excellent physical properties (see test report on reverse side). We also have batch number and cure date traceability. For nearly 25 years, 5600-70 O-rings have been used in a wide variety of applications with great results. So when you specify 5600-70, rest assured that you've made the right choice.

2. Huge Inventory

We carry over 50 million pieces of 5600-70. 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 1:00 p.m. Pacific time, you can receive your parts as soon as the next business day.

3. Exceptional Prices

Parco 5600-70 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 70-durometer EP 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 500 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 5600-70 O-rings or to obtain samples, please contact a Parco customer service representative at 909-947-2200.

Key Features

Parco's 5600-70 ethylene-propylene seals are ideal for use in a variety of general-purpose applications. Key features include the following:

- **Good resistance to compression set:**
Parco 5600-70 seals had a compression set of only 16 percent after 22 hours at 158°F.
- **Wide range of service temperatures:**
Parco 5600-70 seals are suitable for applications ranging from -55 to +212°F.

Chemical Resistance

USE WITH	DO NOT USE WITH
Acetone Automotive Break Fluid Skydrol Steam Water	Automatic Transmission Fluid Gasoline Military Aircraft Hydraulic Fluid

Typical Values for Compound 5600-70 General-purpose 70-durometer EP

Section of Spec.	Physical Property	Requirement ¹	Typical Value	ASTM ² Test Method
	Original Properties			
	Hardness, Shore A	70 ± 5	70	D2240
	Tensile strength, MPa (psi), min.	10(1450)	13.7(1987)	D412
	Ultimate elongation, pct., min.	250	326	D412
Z1	Modulus at 100 pct., elongation, psi	Report	498	D412
Z2	Specific gravity	Report	1.14	D297
	Heat Aging			
	70 hours at 100°C (212°F)			D573
Basic	Hardness change, pts., Shore A, max.	10	4	
	Tensile strength change, pct., max.	-25	6	
	Ultimate elongation change, pct., max.	-25	-18	
	Compression Set, Solid			D395
B13	22 hours at 70°C (158°F) pct. of original deflection, max.	25	16	Method B
	Ozone Resistance			D1171
C12	Hardness change, pts., Shore A	Pass	Pass	
	Low Temperature Property			D2137
F19	Nonbrittle after 3 minutes at -55°C	Pass	Pass	

¹Compound 5600-70 meets the requirements shown above for ASTM D2000 M3BA710 A14 B13 C12 F19 Z1 Z2. ²ASTM is the acronym for the American Society for Testing and Materials.

Source: Parco Test Report 9473A.

⚠ 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