

High-Performance Seals

Parco

1200-70 Silicone Seals

Need 70-Durometer Silicone O-rings Tomorrow?

Parco is committed to being the leader in low cost, general-purpose, 70-durometer silicone O-rings. We've tripled our inventory, cut our prices, and reduced our minimum order to about \$5. So when you need 70-durometer silicone O-rings, you no longer have to check more than one source for available inventory and competitive prices. Make Parco your first choice for 70-durometer silicone O-rings.

1200-70 Meets Your Needs

1. Excellent Physical Properties

Parco's 1200-70 silicone O-rings have excellent physical properties (see test report on reverse side). We also have batch number and cure date traceability. Parco's 1200-70 O-rings have been used in a wide variety of applications with great results. So when you specify 1200-70, rest assured that you've made the right choice.

2. Huge Inventory

We carry more than 5 million pieces of 1200-70. And we stock all 369 standard sizes. We've also made it easy to check stock 24 hours a day using our web site. 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 1200-70 prices are among the lowest available. We sell in huge volume and sell in standard-quantity bags. That allows us to provide you with 70-durometer silicone 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 340 compounds, more than 25 percent introduced in the last five years.

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 1200-70 O-rings or to obtain samples, please contact a Parco customer service representative.

1200-70

Typical Values for Compound 1200-70 General-purpose 70-durometer silicone

Section of Spec.	Physical Properties	Requirement ¹	Typical Value	ASTM ² Test Method
	Original Properties			
	Hardness, IRDH	70 ± 5	70	D1415
	Tensile strength, MPa (psi), min.	5(725)	7(1050)	D412
	Ultimate elongation, pct., min.	125	350	D412
EO16	Fluid Aging, ASTM Oil No. 1 70 hours at 150°C (302°F)			D471
	Hardness change, pts., Shore A	-15 to 0	-9	
	Tensile strength change, pct., max.	-20	-6	
	Ultimate elongation change, pct., max.	-20	-8	
	Volume change, pct., max.	0 to15	5	
A19	Heat Aging 70 hours at 225°C (437°F)			D573
	Hardness change, pts., Shore A	10	4	
	Tensile strength change, pct., max.	-25	5	
	Ultimate elongation change, pct., max.	-30	-30	
B37	Compression Set 22 hours at 175°C (347°F)			D395 Method B
	Pct. of original deflection, max.	30	14	
F19	Low Temperature Resistance Nonbrittle after 3 minutes at -55°C (-67°F)	Pass	Pass	D2137

¹Compound 1200-70 meets the requirements shown above for ASTM D2000 M7GE705 A19 B37 EA14 EO16 EO36 F19 G1.

²ASTM is the acronym for the American Society for Testing and Materials.

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Parco

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