

# O-Ring Grease

- Primary Use:  
Lubrication of O-Rings & elastomeric components in pneumatic & other sealing applications and assemblies
- Slightly swells O-Rings/ Seals.
  - NOTE - for non-swelling grease - use **Valve Sealing Lubricant**
- Service Temperature -85° F to 347° F
- Lithium thickened grease
- NOT a bearing grease
- White in color



### Standard package sizes:

ITEM #	SIZE	NOTE
20001	5.3oz tube	12 tubes Per Standard Box
20002	8 lb Pail	Plastic Pail
20003	5 gallon pail	Plastic Pail
20004	55 gallon drum	Metal Drum

## JIT Silicones +

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### Available from:

**O-Ring Grease**

**FEATURES**

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- Compatible with many plastics and elastomers
- High oxidation resistance
- Wide service temperature range  
-65°C to +175°C (-85°F to +347°F)
- Good corrosion protection
- Comparable to Dow Corning®  
Molykote® 55 O-ring Grease

**COMPOSITION**

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- Meets Mil Spec 4343

- Silicone oil

**APPLICATIONS**

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- Ester
- Lithium soap
  
- Rubber and plastic O-rings (non-silicone)
- Dynamic lubrication between rubber and metal parts in pneumatic systems in:
  - Aircraft
  - Automotive
  - General industrial applications

**Usable Life & Storage** -- When stored at or below 32°C (89.6°F), this product has a minimum usable life of 60 months from date of production.

**Handling Precautions** - See MSDS Sheet

**O-Ring Grease** is a silicone-based material that helps ensure positive lubrication and sealing by slightly swelling rubber O-rings and seals.

**O-Ring Grease** is an excellent lubricant, preventing O-rings from drying, cracking and becoming brittle in harsh environments. This product is heat stable and oxidation resistant and is serviceable from a wide temperature range.

**TYPICAL PROPERTIES**

The values reported on this sheet should not solely be used for preparing specifications on this product. Please contact JIT Silicones Plus for assistance in preparing a specification.

Property	Typical Value
Color	White
Specific Gravity at 25°C	1.1 g/cm
Dropping Point	220°C (432°F)
Temperature Range	-65°C to 175°C (-85°F to 347°F)
NLGI	2
Base Oil Viscosity	100 (mm <sup>2</sup> /s)
Worked Penetration	290 (mm/10)

**LIMITATIONS**

Should not be applied to any surface to be painted or finished. Coatings may not adhere to the silicone-treated surfaces. If contaminated by a silicone coating, parts can be wiped or washed with solvent or detergent. **Should not be applied to O-Rings or other components made of silicone rubber because they can deteriorate the silicone rubber. Any rubber should be tested for excessive swell or shrink.** Not intended for use with liquid oxygen or other strong oxidizing chemicals and should be tested for in all applications to assure compatibility. This product is not tested, nor approved for medical or pharmaceutical uses. Not recommended for usage with ABS or Polycarbonate.

**PACKAGING**

**O-Ring Grease** is supplied in 5.3 oz. tubes, 8lb pails (1 gal), 18 kg pails (5 gal), and 180 kg drums (55 gal).

**Limited Warranty - Please Read Carefully**The information contained herein is offered in good faith and is believed to be accurate. However, Because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that JIT Silicones + (JIT) products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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