



# HEAVY-DUTY SILICONE LUBRICANT

A WET FILM LUBRICANT

Heavy-Duty Silicone Lubricant is a unique water-based formulation that contains a high percentage (5%) of silicone for better and longer lubrication.



\*Visit [www.lpslabs.com/LPS\\_icons.html](http://www.lpslabs.com/LPS_icons.html) for more information



## FEATURES

- Meets FDA regulation for incidental food contact
- Water-based, silicone-rich formula
- Low odor
- Ideal for rubber and plastic surfaces
- Metal detectable plastic components (see back for more details)
- Eliminates sticking, binding, and squeaking
- Non-staining
- Safe on most surfaces
- NSF® Certified: H1 Registration # 059820 (Aerosol); # 059821 (Bulk)

## PACKAGE SIZES

| Net Contents                | Part No. |
|-----------------------------|----------|
| 13 wt. oz. / 369 g / 439 mL | 01516    |
| 5 gal. (18.93 L)            | 01505    |

## APPLICATIONS

- Castors
- Guards
- Guide Rails
- Moving Plastic Parts
- Plastic Gears
- Rings
- Rubber Bushings
- Rubber Mountings
- Seals
- Window Channels

## PROPERTIES

### Appearance/Physical State:

Colorless/dry film  
Milky white/liquid

### Auto Ignition Temperature:

>572 °F (300 °C)

### Coverage:

160 ft<sup>2</sup>/can @ 1 wet mil  
80 ft<sup>2</sup>/can @ 2 wet mils

### Evaporation Rate:

<1 (Ethyl Ether=1)

### HMIS:

1, 2, 0

### Propellant:

Propane/Isobutane blend

### Spray Pattern:

Mist

### Specific Gravity (water=1):

0.92 - 0.94 @ 68 °F (20 °C)

### Temperature Range:

-40 °F (-40 °C) to 392 °F (200 °C)

### Vapor Pressure:

17.5 mmHg @ 68 °F (20 °C)

### VOC:

31.9% (aerosol)/20.0% (bulk) per State & Federal Consumer Product Regulations  
296 g/L (aerosol)/185 g/L (bulk) per SCAQMD Rule 102

## SPECIFICATIONS AND APPROVALS

- Meets FDA Regulation 21 C.F.R. 178.3570 for incidental food contact
- NSF® Certified: H1 Registration # 059820 (Aerosol) # 059821 (Bulk)
- Acceptable for use in Canadian food processing establishments

## DIRECTIONS

Heavy-Duty Silicone can be applied by brushing, spraying, or dipping. Wipe off excess material and protect floors from overspray to avoid slippery conditions.

## DISPOSAL INFORMATION

Waste must be disposed of in accordance with national, regional, provincial, and local environmental control regulations.

## STORAGE

Keep container in a cool, well-ventilated area. Avoid all sources of ignition (spark or flame). Store below 120 °F. Store aerosols as Level 3 Aerosol (NFPA 30B). Store all materials in dry, well-ventilated area. Avoid breathing vapors.

MATERIAL SAFETY DATA SHEETS AVAILABLE UPON REQUEST OR VISIT OUR WEB SITE : [WWW.LPSLABS.COM](http://WWW.LPSLABS.COM)



# METAL DETECTABLE PLASTIC COMPONENTS

(PATENT PENDING)



Scan to watch Detex™ Product Demo Video

Universal blue color for all Metal Detectable plastic components easily identifies them as a non-food object

Cap

Actuator

Extension Tube

Alignment dot

Highly visible NSF® H1 labeling

Premium quality product

Certified food safe container

Dual language labeling:  
English and Spanish

2-piece aerosol can;  
10% – 15%  
lighter than a  
3-piece aerosol can



**LPS® Detex™ Metal Detectable Plastic Components** are designed to assist food processing plants in meeting strict HACCP requirements regarding the use of LPS® NSF® H1 aerosol products in the food processing area.

| FEATURES  | BENEFITS   |
|---|--|
| All plastic components are Metal Detectable and capable of detection by most metal detection equipment.                           | Reduce concerns of food product contamination and assist with HACCP requirements.  |
| All Metal Detectable plastic component ingredients are GRAS listed (Generally Accepted As Safe - 21 C.F.R. Sections 177 and 178). | Meets FDA requirements as an acceptable material for use in food processing plants.  |
| Easily identified NSF® H1 product labeling. NSF® H1 lubricants can have incidental food contact.                                  | Distinct Food Grade product labeling helps to prevent use of non NSF® H1 approved LPS® products in the food processing area. |
| Lithographed labels – LPS® does not use paper labels.   | No chance of torn paper labels contaminating food as it is processed.  |
| Aerosol can is in compliance with the The Food Safety Net Services (FSNS). FDA 21 C.F.R.175.300, 1935/2004/EC.                    | Aerosol can does not contain: Heavy metals, BADGE, BFDGE, NOGE and Bisphenol-A (BPA).  |

**NOTE:**

1. Minimum detection limits will vary depending on individual customers' equipment and operating conditions. (See chart below)
2. Plastic component detection limits are based on whole components. Partial components may not be detectable due to detector limitations, partial component size, malfunctioning equipment and/or the type of food product undergoing processing.
3. LPS® Laboratories recommends that all components be tested prior to implementation (separately and included in the processed food product) and/or consult your specific metal detector equipment manufacturer directly.
4. Product shelf life, warranty, and material safety data sheets are available at [www.lpslabs.com](http://www.lpslabs.com). LPS® Laboratories is not responsible for use of this product inconsistent with its instructions and warnings.
5. LPS® Laboratories is not responsible for failure to detect components due to detector limitations and/or detector malfunctions. Refer to the metal detector manufacturer's design limitations, instructions, and warnings regarding the use, limitations, and proper maintenance of the equipment.

| COMPONENT      | EQUIVALENT TEST SPHERE SIZE |
|----------------|-----------------------------|
| Aerosol Cap    | >3.0 mm Ferrous             |
| Actuator       | 2.2 mm Ferrous              |
| Extension Tube | 1.0 mm Ferrous              |