



®

FUKKOL**Nourishment for**
Your Machines

TECHNICAL DATA SHEET



Food Grade Silicone Lubricant Spray

Chain & Conveyor Bearing

Description:

This product is carefully formulated using high-purity synthetic silicone fluid and special food-grade non-toxic additives, utilizing advanced blending technology. Specially engineered for chains, conveyor belts, and bearing systems operating under harsh environments in food processing, beverage bottling, and pharmaceutical industries. The product is completely free of lead and heavy metal compounds, complying with strict food safety regulatory standards (such as NSF H1 certification), providing exceptional wear resistance, high and low temperature stability, water washout resistance, and chemical stability while ensuring maximum safety.

Products Code	Packings	Capacity
I11632CCL-500ML	Spray	500ML
I11632CCL-4L	Jar	4L
I11632CCL-18L	Pail	18L

Application & Features:

Suitable for lubrication and protection of various conveyor chains, baking and freezing conveyor belts, packaging machinery bearings, slide rails, and pneumatic equipment on food production lines. Broad operating temperature range from **-40°C to +200°C**.

- **Food Grade Safety Guarantee:** Non-toxic, odorless, non-staining, complying with food incidental contact safety standards.
- **Outstanding High/Low Temperature Performance:** Maintains a stable lubricating film under extreme temperatures without easy evaporation or coking.
- **Excellent Water Washout Resistance:** Superior moisture-proof and anti-corrosion capability, resistant to frequent high-pressure water jets and detergent washdowns.
- **Good Material Compatibility:** Excellent compatibility with most rubbers, plastics, seals, and metallic materials.

Typical Physical Properties:

Test Parameter	500ml Aerosol (with Propellant)	4L / 18L Bulk (Propellant-Free)	Residual Film (Active Grease)	Test Method
Appearance	Aerosol Mist	Transparent to Slightly Milky Liquid	Translucent White Uniform Grease Film	Visual
Propellant / Carrier	Clean LPG (Liquefied Petroleum Gas)	No Propellant	Solvent Fully Evaporated	—
Density (20°C)	0.68 – 0.74 g/cm ³	0.74 – 0.80 g/cm ³	0.96 – 0.98 g/cm ³	ASTM D1298
Flash Point / Dry Time	< -40°C (Surface Dry 1-2 min)	< 10°C (Surface Dry 2-5 min)	No Flash Point (Base Oil > 300°C)	ASTM D56 / D92
NLGI Grade	—	—	NLGI 2	ASTM D217