

# ORIGINAL FUSER GREASE G300-GREASE

Sale Price: 700.0

PRODUCT ID: 0009454

| Feature / Attribute | Product Specification Details | Implementation Impact |
|---|---|---|
| **Product Component** | High-Temperature Fuser Lubricant | Drastically lowers mechanical friction between the ceramic heater and fuser film. |
| **Chemical Family** | Perfluoropolyether (PFPE) / Fluorinated Silicone | Resists thermal breakdown and oxidation under intense, continuous operating heat. |
| **Consistency Class** | Thick, White Paste (NLGI Grade 1-2 equivalent) | Stays firmly in place inside the high-pressure nip zone without migrating or running. |
| **Thermal Operating Range** | Stable up to 250°C continuous (spikes to 300°C) | Prevents vaporization or carbon crusting under extreme printing workloads. |
| **Material Compatibility** | Safe on Polyimide, PFA, PTFE, and Silicone Rubber | Non-reactive formula prevents chemical swelling, warping, or cracking of fuser sleeves. |
| **Target Engine Class** | HP, Canon, Samsung, Brother, and Xerox Laser Engines | Universally adopted for rebuilding film-sleeve-style fuser units across major brands. |
| **Primary Application Tool** | Micro-spatula or lint-free applicator pad | Ensures a microscopic, perfectly leveled layer is distributed over the ceramic element. |
| **Primary Failure of Lubrication** | Fuser film tearing, paper wrinkling, smeared print text | Indicates the grease has dried out, causing the sleeve to slip or bind during rotation. |
| **Dielectric Strength** | High Electrical Insulation Properties | Prevents localized high-voltage shorts between the heating elements and surrounding frame. |
| **Packaging Profile** | Typically available in 10g, 20g, or 50g resealable tubs | Provides clean, moisture-proof storage to protect grease from workshop dust contamination. |
| **Maintenance Profile** | Technical service and overhaul compound | Applied during full fuser teardowns or when replacing worn fuser fixing films. |