

## **FFL** **Fuser Film Lubricant**

FFL has been specially formulated to offer exceptional high temperature performance and plastic compatibility required for the lubrication of fuser films in remanufactured toner cartridges. Application of the FFL lubricant will ensure smooth operation, help to prevent damage to the film, and hence significantly increase its lifetime.

- Provides high quality mechanical lubrication; ideal for lubricating fuser films in toner cartridges
- Excellent thermal resistance; silicone free
- Low evaporation loss and non-melting; excellent stability even with rapid temperature changes
- Excellent plastics compatibility; testing advised

**Approvals** **RoHS-2 Compliant (2011/65/EU):** **Yes**

### **Typical Properties**

Appearance	White grease
Temperature Range (°C)	-20 to +300
Density (g/ml)	1.95
Cone Penetration Un-Worked (ASTM D 217 @ 20°C)	350
Consistency (NLGI)	0
Weight loss (ASTM D972/56, 24 hours @ 100°C)	0.1%
Weight loss (ASTM D972/56, 24 hours @ 200°C)	0.7%
Oil separation (DIN 51759/IP112, 7 days @ 40°C)	0.1%
Oil Separation (24 hours @ 100°C)	4.5%
Pour Point (°C)	-25
Drop Point (°C)	Non- melting
Flash Point (°C)	Non-flammable

<b><u>Description</u></b>	<b><u>Packaging</u></b>	<b><u>Order Code</u></b>	<b><u>Shelf Life</u></b>
Fuser Film Lubricant	10ml syringe	FFL10S	48 Months

### **Directions for Use**

Remove the fixing film assembly from the fuser unit, following the directions in the manufacturer's service manual. Once all necessary clips have been removed, slide the fixing film off the heater assembly. Clean the heater assembly using a dry cloth, and apply approximately 1 gram (for A4/letter size) of FFL evenly on the heating element and on the side of the holders. Slide the film back onto the heating element, turning the film several times to ensure that the lubricant has been evenly applied. Re-assemble the unit.

Revision 2: Oct 2013

#### **Copyright Electrolube 2013**

All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

Ashby Park, Coalfield Way,  
Ashby de la Zouch,  
Leicestershire LE65 1JR  
T +44 (0)1530 419 600  
F +44 (0)1530 416 640  
BS EN ISO 9001:2008  
Certificate No. FM 32082