

Contact us for detail dryfilm lubricants specification.  
詳細產品規格請洽本公司業務人員

**RapidChem™**  
Dryfilm Lubricants



1 kg/bottle

5 kg/drum

We also supply :

- Epoxy adhesives
- Cyanoacrylate
- Anaerobic adhesives/sealant
- Methacrylate structural bonders
- UV curable adhesives
- DIY AB glue
- LED encapsulation resin



[www.rapidchemical.com](http://www.rapidchemical.com)

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**RapidChem™**

**Dryfilm Lubricants**  
**乾燥皮膜潤滑劑**



Developed by Rapid Chemical Co., Ltd.

# RapidChem™

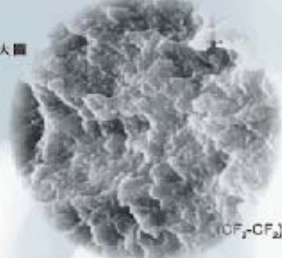
## Dryfilm Lubricants

### 乾燥皮膜潤滑劑

The modern industrial product design is more and more precision. People are more and more to the smooth feeling and requirement for environment protection. Low friction slip mechanical parts of property in a lot. Long lasting, high performance and clean lubricants can solve to need be asked in this respect effectively. **RapidChem™** dryfilm lube products, modulated meticulously with the raw materials of safe environmental protection of high quality, can maintain lubricated performance for a long lasting effectively, enable all kinds of electronic products that consumers use, the sense of touch slips suitably and cleanly.

現代的工業產品設計愈來愈精確，人們對於質感及環保要求也愈來愈高，在許多具有輕質薄壁及滑動性質的機械零件中，長效、高性能又潔淨的潤滑劑可有效解決這方面的需求。**RapidChem™**的乾燥皮膜潤滑劑產品，以高品質又安全環保的原料精心調製而成，能有效維持長期潤滑性能，使消費者所使用的各類電子產品，保持觸滑性能，觸感滑順又潔淨。

PTFE分子結構放大圖



$(CF_2-CF_2)_n$  Polytetrafluoroethylene

#### Main ingredient- PTFE

- Low Molecular Weight >3,000
- Thin film (0.2-0.5 mils)
- Low coefficient of friction
- Thermally Stable
- Nonflammable
- Long lasting
- Clean

#### 主成份-聚四氟乙烯之特性

- 低分子量 >3,000
- 極低膜厚(0.2-0.5 mils)
- 低摩擦係數
- 熱安定性佳
- 不可燃燒,確保安全
- 長效潔淨

#### RapidChem™ Dryfilm Lubricants Performance

Highly volatility lube with special solvent. Ozone protection, Safety and non-flammable. Lube film can stay on substrate surface in fast and smooth. PTFE solid content with outstanding and long lasting lubricate performance on plastic and metal. Non-Silicone based. No effective on conductive.

#### RapidChem™ 乾燥皮膜潤滑劑產品的性能

高揮發性潤滑油品，含特殊溶劑，不破壞臭氧層，安全無可觀性。油膜快速均勻被潤滑表面，含特殊聚四氟乙烯固體潤滑劑，於塑膠、金屬表面，具長效潤滑作用。非SILICON系列，對接觸無影響。

Application: Card reader, Digital Camera, DVD player, Printer, Keyboard, Cellular phone, Movement of watch, Copy machine, Scanner....Etc.

適用產品: 讀卡機、數位相機、光碟機、印表機、鍵盤、手機、鐘錶機芯、複印機、掃描器....等

フッ素系溶剤、速乾性の非可燃性

## FL series

Semi dry formulation. Main performance lubricant ingredient is Polytetrafluoroethylene. With long lasting accuracy lubrication performance on various plastic such as PP, ABS, TPR, PC, Rubber and metal. Suitable for surface coating on memory card, card reader, connector, USB plug and movement of watch. FL series all with fluorine solvent and PTFE solid content.

本系列產品為半乾型配方，主成份為聚四氟乙烯，於各種塑膠材料如PP, ABS, TPR, PC, 橡膠及各類金屬等材質，具長效精密潤滑效果，適用於記憶卡、讀卡機、傳輸線端子、USB插槽及手錶機芯等微小型電子元件。FL系列產品全部以氟素溶劑及聚四氟乙烯固成份調製而成。

Product 產品名稱	Aspect 外觀	Density 比重g/cm³	Temperature 溫度範圍°C	Property & Solid content 特性及固成份%
FL-375	White 白色液態	1.45	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.25
FL-475	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.5
FL-575	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.8
FL-675	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 1.5
FL-9540T	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.6
FL-9590T	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.8
FL-9570T	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 2.0

## FD series

Surface dry formulation. Main performance lubricant ingredient is Polytetrafluoroethylene. With long lasting accuracy lubrication performance on various plastic such as PP, ABS, TPR, PC, Rubber and metal. Suitable for surface coating on memory card, card reader, connector, USB plug and movement of watch. FD series all with fluorine solvent and PTFE solid content.

本系列產品為表面完全乾膜型配方，主成份為聚四氟乙烯，於各種塑膠材料如PP, ABS, TPR, PC, 橡膠及各類金屬等材質，具長效精密潤滑效果，適用於記憶卡、讀卡機、傳輸線端子、USB插槽及手錶機芯等微小型電子元件。FD系列產品全部以氟素溶劑及聚四氟乙烯固成份調製而成。

Product 產品名稱	Aspect 外觀	Density 比重g/cm³	Temperature 溫度範圍°C	Property & Solid content 特性及固成份%
FD-498	White 白色液態	1.45	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.25
FD-598	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.5
FD-698	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.8

## FG series

With special fluorine solid additive. With long lasting accuracy lubrication performance on various plastic such as PP, ABS, TPR, PC, Rubber and metal. Suitable for surface coating on hinge of lap top, DVD player slide, cellular phone slide, card reader, connector, and movement of watch. FG series all with fluorine solvent and PTFE solid content.

本系列產品添加特殊氟素潤滑劑，主成份為聚四氟乙烯，於各種塑膠材料如PP, ABS, TPR, PC, 橡膠及各類金屬等材質，具長效高潤滑效果，適用於摺疊式電腦、手機滑蓋、傳輸線端子、及手錶機芯等微小型電子元件。FG系列產品全部以氟素溶劑及聚四氟乙烯固成份調製而成。

Product 產品名稱	Aspect 外觀	Density 比重g/cm³	Temperature 溫度範圍°C	Property & Solid content 特性及固成份%
FG-014	White 白色液態	1.6	-40°C ~ +300°C	Hinge of lap top, Camera lens, Precision instrument. 電腦轉軸, 相機伸縮鏡頭, 精密儀器 0.14
FG-028	White 白色液態	1.6	-40°C ~ +300°C	Hinge of lap top, Camera lens, Precision instrument. 電腦轉軸, 相機伸縮鏡頭, 精密儀器 0.28
FG-038	White 白色液態	1.6	-40°C ~ +300°C	Hinge of lap top, Camera lens, Precision instrument. 電腦轉軸, 相機伸縮鏡頭, 精密儀器 0.38

## FS series

With longer sediment period from one hour. With long lasting lubrication performance on various plastic such as PP, ABS, TPR, PC, Rubber and metal. Suitable for surface coating on memory card, card reader, connector, USB plug and movement of watch. FS series all with fluorine solvent and PTFE solid content.

本系列產品之固成份沉澱速度最少需一小時，半乾型配方，主成份為聚四氟乙烯，於各種塑膠材料如PP, ABS, TPR, PC, 橡膠及各類金屬等材質，具長效精密潤滑效果，適用於記憶卡、讀卡機、傳輸線端子、USB插槽及手錶機芯等微小型電子元件。FS系列產品全部以氟素溶劑及聚四氟乙烯固成份調製而成。

Product 產品名稱	Aspect 外觀	Density 比重g/cm³	Temperature 溫度範圍°C	Property & Solid content 特性及固成份%
FL-689	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.25
FL-789	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.5
FL-889	White 白色液態	1.5	-40°C ~ +300°C	Card reader, Cell phone slide, Micro slide parts. 讀卡機, 手機滑蓋, 微小滑動件 0.8

