

## Profile

The lubricants are high efficient metal plated film sealing protective agents. It has two main functions:

- 1) For metal plated films, they are high efficient sealing protective agents. By sealing this kind of agents a wide range of plated films (including gold, silver, copper, nickel, tin, zinc and their alloys) can be protected from corrosion (due to corrosive gas, humid air and salt spray) effectively without any negative influence to the conductivity and conduct resistance of the films, moreover, because of this protection the plated film thickness may be reduced in some cases and such expensive metal as gold and silver are saved.
- 2) For electrical contacts surface, they are protective lubricants. By coating this lubricants on the contact surface the stable electric property such as conductivity, contact resistance and high frequency property of the components can be effectively maintained. For switch component, in addition, the lubricants reduce the friction between contacts and hence prolong the life span of the components.

## Benefits

- Be coated (dipped) and quickly dry in room temperature;
- Safe in operation, no flash fire, non-combustible and at oxie.
- Simple operating craft, no special equipment needed.
- Provide uniform protective membrane and no dust absorbed.
- Low cost



## Product Series Table

Plating Category	Type	Functions
Gold	LJ-9204 LJ-2004 SJ-2001	Sealing off micropore of the plated film, protect film from corrosion due to SO <sub>2</sub> and salt spray, reduce its friction factor.
Silver	LY-9205 TL-1 LY-9308 WD-1 SY-9405	Protect film from sulf-corrosion and color change. No color change after dipped in 3% K <sub>2</sub> S for 1 hour or 3 ppm H <sub>2</sub> S for 96 hours. reduce the films friction factor.
Copper & its alloys	LT-9307 LT-2007	Protect film from oxidation and corrosion by H <sub>2</sub> S and SO <sub>2</sub> lubricate the films.
Tin & its alloys	LX-9206 LX-2006	Protect film from oxidation and corrosion, maintain its weldability, lubricate the films.
nickel	LN-9402 TL-2	Sealing off micropore of the plated film, protect film from corrosion by corrosive gas and salt spray, reduce the films friction factor.
Stainless steel	LG-2002 TL-2	Prevent it from oxidizing; improve its ability of anti salt spray effectively.
aluminum & zinc	TL-2 SZ-2003	Sealing the oxidation membrane of Al-alloys and the passive membrane of zinc, then improve their anti-corrosive ability.