

# **inox** **MX12** **PTFE SUPA LUBE**

## **THE ULTIMATE EXTREME PRESSURE DRY LUBRICANT with PTFE**

**INOX-mx12 PTFE SUPA GLIDE** is a fast drying, resin bonded polytetrafluoroethylene dry film lubricant for the coating of timber, metal, plastic, rubber, glass and most other surfaces. It is designed for low-friction, light load repetitive stresses that allows moving parts to wear longer, work harder and require less maintenance. Has applications where other conventional sintered PTFE coatings cannot be considered.

- **Excellent lubrication qualities**
- **Clean and easy to apply**
- **Good surface adhesion**
- **Hard abrasion-resistant surface**
- **Inhibits corrosion**
- **Doesn't wash off with water**
- **Longer wear life than pure PTFE coatings**
- **Thin film**
- **Cures at room temperature**
- **Resists contamination from dirt and dust**
- **Life-long lubrication in many applications**

### **APPLICATIONS**

**INOX-mx12 PTFE Supa Glide** is recommended for sliding door, window and curtain tracks, sailtracks, garage/factory roller door tracks, truck/trailer side curtain tracks, moving furniture parts, snow skis, collapsible caravan awning struts, flexible inner cables, solenoid plungers, PTO couplings, pulleys, open gears, winches and cables, metal, plastic and neoprene bushes, saws, guillotines and metal punching/stamping machines, looms, work surfaces for work tables/sewing machines, piano action parts and any other sliding or turning surfaces that require a high grade, hard wearing dry lubricant.

|                                  |   |
|----------------------------------|---|
| <b>Coefficient of friction:</b>  | 0.06 to 0.09 (static)   |
| <b>Film thickness:</b>           | 5.1 to 17.8 um ( 0.0002 to 0.0007 inches )  |
| <b>Service temperature:</b>      | 180 °F ( 82 °C )  |
| <b>Intermittent temperature:</b> | 240 °F ( 116 °C )   |
| <b>Chemical resistance:</b>      | <b>INOX-mx12 PTFE SUPA GLIDE</b> coatings are moderately resistant to some inorganic corrosives such as sulphuric acid and sodium hydroxide.<br><b>CAUTION:</b> Contact with organic solvents such as alcohols, esters and ketones should be avoided. |

### **DIRECTIONS FOR USE**

The surface to be coated must be clean, dry and free of any contaminants such as dust, oil, grease or powder. Information on surface preparation for more critical applications is listed below. Once the surface area has been prepared, spray a liberal coating on the area you want to lubricate and then allow time for the carrier and propellant gas to evaporate. Curing times are listed below

### **SURFACE PREPARATION**

Before applying **INOX-mx12 PTFE SUPA GLIDE**, the surfaces should be clean, dry and free of contaminants such as oil, grease, dust or powder. A light sanding with 120 grit sandpaper or emery cloth followed by a solvent wipe and air dry is usually sufficient. More critical applications requiring optimum adhesion, the following

|                                |   |
|--------------------------------|---|
| <b>WOOD</b>                    | Sand lightly and wipe clean                             |
| <b>STEEL</b>                   | Degrease or sandblast                                   |
| <b>STAINLESS STEEL</b>         | Degrease or sandblast                                   |
| <b>ALUMINIUM</b>               | Degrease, sandblast or anodize                          |
| <b>COPPER ALLOYS</b>           | Degrease, sandblast and/or acid etch                    |
| <b>RUBBER, PLASTICS, GLASS</b> | Clean with a solvent that will not effect the substrate |

**SIZE: 175g  
Aerosol**

### **CURING TIME**

**INOX-mx12 PTFE SUPA GLIDE** will cure at room temperature.

Coatings are touch dry in about 5 minutes, dry enough to handle in 20-30 minutes depending on the film thickness. Optimum hardness for the best lubrication performance is 2 hours. It is strongly advised to allow 2 hours from application to use for the best long term results.

High humidity may increase opacity or blush and exposure to strong sunlight may cause darkening, but these will not effect the coating performance.