



# TECTORIUS® TEC-SLIP™ Precision Line

Dry Film Lubricant Coatings

## DESCRIPTION:

Tectorius family of dry film lubricants offers a specialized subset of products for highly sensitive applications. The **TEC-SLIP PRECISION LINE** are coatings developed with high tech applications in mind. These grades have been specifically formulated to provide custom levels of lubricity, in varying conditions, while minimizing objectionable content, byproducts and particles. The Tec-Slip Precision Line provides clean, worry-free, consistent assembly and movement while meeting most standards for health, safety and the environment.

This group of products has been developed to eliminate or minimize presence of even trace amounts of certain compounds, elements, and ions, providing a pure, dry, contaminant free coating. Silicone, alkalies, halides, fluorides, amides, amongst others, have been mitigated all while particle shedding and outgassing are kept to a minimum.

Examples of special grades include applications that require nominal K factor variation, low particle, low emission environments such as in clean rooms, electronics and optic assemblies. The Tec-Slip Precision Line is tuned to deliver consistent statistical performance from assembly to assembly, while enhancing corrosion protection.

The majority of Tec-Slip products are water based for safer handling, application and are environmentally kind. Typically low viscosity, Tec-Slip products are easily applied by multiple techniques including immersion, dip-spin, dip-drain or spray methods. In instances where different rheology is beneficial, our Tectorius team is ready to deliver a custom grade that most suits your unique criteria.



## APPLICATIONS:

- » Electronic assemblies such as computers, tablets, circuit boards and watches.
- » Optics such as cameras, scopes, targeting devices, sights and sensors.
- » Screen assemblies such as monitors, televisions, control screens, or instrument panels.
- » Specialized assemblies for vacuum or gas delivery systems.
- » Stainless steel, aluminum, dissimilar metals
- » Medical devices and equipment
- » Lighting and lenses
- » Air and water handling
- » Laboratory equipment
- » Aerospace and military

\*The information provided is based on technical data that Tectorius believes to be reliable. Since we cannot anticipate or control the various conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. Therefore, the product is sold without warranty expressed or implied.

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## SPECIFICATIONS:

<b>300-P SERIES-DRY SURFACE LUBRICANTS</b>					
Grade:	305-PR	307-PR	308-PR	314-PR	333-PR
<b>Color—Wet</b>	Black	Black	Charcoal Black	Gray/White	Clear
<b>Color—Dry</b>	Black	Black	Charcoal Gray	Translucent/Gray	White
<b>Primary Usage</b>	High Temperature and Pressure, Anti-seize	High Temperature and Pressure, Anti-seize	High Temperature Installation Ease Anti-seize	Moderate Temperature and Pressure	Lubricant and Anti-Seize
<b>Typical Use</b>	Dissimilar Metals, Anti Gall, Self Tapping, Anti-Seize	Dissimilar Metals, Anti Gall, Self Tapping, Anti-Seize	Engine and Gearbox	Electronics, Dissimilar Metals, Anti Gall, Stainless Steel	Thread forming dissimilar metals, Anti-Gall, Tapping, Anti-Seize
<b>Temperature Range</b>	Up to 700° F (370°C)	Up to 400° F ( 200°C)	Up to 600° F	Up to 400° F (200°C)	Up to 400° F (200°C)
<b>Form</b>	Water Based	Water Based	Water Based	Water Based	Solvent Based
<b>Special Features</b>	Low particle, Low outgassing	Low particle, Low outgassing	Dissimilar Metals Moly Based	Low particle, Low outgassing, High purity	High Pressure Metal Contact Non-Conductive, Heavy Coating

<b>400-P SERIES-BONDED FINISHES</b>		
Grade:	450-PR	451-PR
<b>Color—Wet</b>	Amber	Black
<b>Color—Dry</b>	Clear/Amber	Charcoal
<b>Typical Use</b>	Electronics, Clean Room, Optics	High Stress, High Load construction, rail, heavy duty
<b>Temperature Range</b>	-40 to 450° C	-40 to 450° C
<b>Special Feature #1</b>	Consistent coefficient of friction	Consistent coefficient of friction in all weather conditions
<b>Special Feature #2</b>	Low particle and vapor emission	High durability and age resistant



Note: If you don't see the product you are looking for, ask us about our Tec-Eize™ lubricant & anti-seize coatings and other lubricating product lines.

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