



# Silicone Wax Thread Finish 72610



**Silicone Wax Thread Finish 72610** is an advanced Copolymer System that combines the lubricating qualities of Silicone Oils and Silicone Waxes. This combination is ideally suited as a final finish for all types of synthetic threads.

In winding, **Silicone Wax Thread Finish 72610** clings to the surface of the thread. This allows the thread to be wound at high speeds without “sling” or waste of product. On the cone, it provides an even distribution of lubricant that stays in place and will not migrate. Pickup can vary from very low to very high percentages. Even at high percentages, the lubricant stays in place without runoff on the package.

**Silicone Wax Thread Finish 72610** keeps the needle cool during sewing, eliminating thread breakage and skipping. The Wax phase of this dispersion reduces needle chatter and static, providing excellent sewability and easy needle penetration. Maximum sewing speeds are achieved without thread breakage or downtime.

### Features

- *Reduces Friction & Eliminates Thread Breakage*
- *High Speed Winding without Sling*
- *Even Distribution: No Migration*
- *No Heating is Required*
- *Applied at room temperature*
- *Wax and Silicone stay in solution with little agitation required*
- *Reduces Needle Chatter and Static*
- *Achieves Maximum Sewing Speeds without Downtime*



Will not migrate on surface of thread.



Eliminates Thread Breakage



Achieve maximum sewing speed without downtime.

### Physical Properties

Composition.....	silicone/wax dispersion
Appearance.....	viscous, milky-white
Viscosity.....	450 cSt
Solids Content.....	100% solids. Does not contain water or solvents
Solubility.....	Soluble in Polydimethylsiloxane
Solubility in water.....	Insoluble
Flash Point.....	471°F / 243°C
Specific Gravity.....	0.978
Weight .....	8lbs / 3.6kg per gallon

### Packaging

55-gallon drum.....	200kg / 440 lbs
275-gallon IBC tote.....	1,000kg / 2,204 lbs
F.O.B. Phila, PA U.S.A.	

### Application

**Kiss Roller:** *Silicone Wax Thread Finish 72610 is preferably applied by Kiss Roll to the thread.*

*Application levels vary from 3% and higher, depending on the type of thread and the application.*

*Apply at room temperature: No heating or mixing is required.*

### For More Information, Contact:

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**Clearco Silicone Wax Thread Finish 72610**  
**vs.**  
**Conventional Thread Lubricants & Thread Finishes**

**Composition:** Silicone Wax Thread Finish 72610 is composed of 100% solids. It does not contain any solvents or water. Many silicone-based thread finishes on the market are emulsion that can freeze in cold weather. When an emulsion freezes, it is rendered useless. Silicone Wax Thread Finish 72610 does not freeze.

**Application at room temperature:** Silicone Wax Thread Finish 72610 is applied at room temperature. It does not require heating. Further, the silicone wax in our 72610 requires less agitation than formulations that use paraffin wax.

**Pick-up:** The amount of required lubricant, using **Silicone Wax Thread Finish 72610**, will be greatly reduced when compared with pure silicone oil. However, in extremely difficult sewing operations, such as leather, vinyl and plastics, higher percentages of lubricant may be required. In those cases, higher percentages of lubrication can be achieved using the Silicone Wax as compared with pure silicone fluids.

The very nature of the **Silicone Wax Thread Finish 72610** allows more lubrication to cling to the surface, achieving as much as 50% more cling than pure silicone fluids. Even at higher percentages of pickup, **“sling” is virtually eliminated**. In comparison, pure silicones produce high amounts of sling that create dangerous-slippery conditions in the work area, and require time-consuming cleanup.

**Migration:** After winding, straight silicones have a natural tendency to migrate on the cone. This results in a bulls-eye appearance on the thread, whereby one area is over-lubricated and other areas have little or no lubrication. **Silicone Wax Thread Finish 72610 does not have any migration problems**. Even if the lubricated thread is left on the shelf for extended periods, the wax portion of the formulation holds the lubricant indefinitely in place.

**Penetration:** As with most sewing threads (especially bonded), there is a tendency for lubricants to have some degree of absorption into the thread. When this happens, the effectiveness of the lubricant is limited to the amount of the lubricant left on the surface. Unlike conventional silicone lubricants, **Silicone Wax Thread Finish 72610 provides a fine finish that remains on the surface for optimum sewing results**.

To illustrate this dynamic, put a few drops of both silicone oil and **Silicone Wax Thread Finish 72610** side by side on a piece of cardboard. In a relatively short period of time, the silicone oil will be absorbed while the **Silicone Wax Thread Finish 72610** will maintain consistency.

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