

Technical Data Sheet

Poly lube 903

1) **Product Description Poly lube 903** is a sewing thread lubricant based on **polysiloxane**.

- It has a low viscosity index and dries quickly.
- It improves production efficiency.
- It is effective in high-speed sewing lines.
- It improves luster
- There is no skin and lump formation in the bath as found in aqueous system.

2) Properties

Appearance	:	Clear Colorless viscous Liquid
Ionic nature	:	Nonionic
Composition		Poly siloxane derivative
pH		5 - 7.5

3) Application

- Synthetics and their mixtures are recommended for use.
- Lick roll method/ Godet m/c, P.A. winding m/c, and other hot lube applicators can be used.
- Product to be used without dilution.

4) Advantage

- It improves luster while lowering the friction coefficient.
- It is suitable for use with a high-speed sewing machine.
- It allows for homogeneous absorption over the whole material.
- It resists heat and improves needle performance in hot situations.

5) Application Precautions

- Only after 24 hours of extensive conditioning should performance should be measured.
- Coated threads should be dried at room temperature for 3-4 hours to allow excess water to evaporate.
- Examine the cleanliness and upkeep of the machine.
- Avoid exposing the product to temperatures above 40 degrees Celsius for a lengthy period of time.
- Shake well before use for better application.
- Check compatibility with other bath additives before use.

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Making chemistry Intelligent efficient & responsible Storage details

- Products should not be exposed to atmospheric conditions for a long duration.
- Shelf life of 6 months if stored in originally sealed containers below35C.
- Product has tendency to become hazy if exposed to air or water.
- Store in cool dry place.

7) Safety use and handling

Good sanitary and industrial procedures should be followed, and **Poly lube 903** will not cause any risks when used as directed. Long-term skin contact with the neat product should be avoided, and any splashes should be wiped away with water. To the best of our knowledge, the information included below is correct and full. It is based not only on our own research, but also on the results of other researchers in the area. It is provided without warranty of any kind, and nonpatent responsibility is taken. No responsibility can be assumed for any loss, injury, or damage that may occur as a consequence of its usage. Refer to the MSDS for more safety precautions.

