

High Speed Thread Lubricant - X80 & X50

X80 High Speed Thread Lubricant is an advanced technology lubricant and sewing aid especially formulated for use with PTFE coated fiberglass sewing thread. Extensive testing in actual production environments has resulted in a thread lubricant that provides excellent friction reduction for cooler needle operations. 99% of our lubricated thread is made with X80 lube.

X50 lubricating qualities are similar in a lighter lubricant formulated with waxes and oils. X50 is not as "slick" a lubricant, but works well for some applications.

In either case, our in-line lubricating process ensures complete, uniform penetration of the fiber bundle versus others immersion method, which may result in spotty penetration or messy residual lubricant in the final package. Contact W.F. Lake Corp. for additional information or samples for testing;.

Features

High Speed Lubricant
Formulated for PTFE/Fiberglass
Uniform penetration
Extensive In-Use Testing

Benefits

Excellent Friction Reduction
Cooler Needle Operation
Enhanced "Sewability"

Physical & Chemical Properties

Product Designation:	X80	X50
Form	-----Liquid Applied to Thread-----	
Appearance	-----Clear, Water White-----	
Color Stability	-----Excellent-----	
Resistance to Degradation	Excellent	Good
Lubrication Properties	Excellent	Good
Solubility	Dissolves in many solvents, NOT water soluble	
Application Method	In-line application after PTFE coating	

Product Designation Suffix "L" added to part number (ex. R753-12L, X80)

X50 & X80 Thread Lubricants are available on all of W.F. Lake Corp's. high temperature sewing threads, including PTFE coated fiberglass, S-2 Glass, Quartz, Kevlar and all of our stainless steel wire inserted threads as well.

All values are typical and should not be used for writing specifications.

W.F. Lake Corp.
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www.wflake.com

1000 deg. Fahrenheit



540 deg. Celsius

*Available with
X50 or X80
High Speed Lubricant*

Applications:

High Temperature Textiles
Safety Spray Shields
Filter Bags
Braided Sleeving
Insulation Jackets
Thermal Insulation Pads
High Temperature Gaskets
Kiln Seals
Fire Resistant Composites
Welding Blankets
Heat Shields



W.F. LAKE

High Performance PTFE & Silicone Coated Products