

# ***PTFE Coated S2 Glass Fiber / Stainless Steel Insert Sewing Thread***

***W.F. Lake Corp.*** manufactures it's PTFE coated S-2 glass fiber sewing thread from high purity, very fine continuous filament yarns . Our SGT/SS-series thread reduces seam failure due to thermal shock & exposure, offers excellent tensile strength even at 1400 deg. Fahrenheit and has a stainless steel wire twisted right into the thread! Our uniform PTFE coating completely encapsulates the thread, enhancing resistance to buildup of contaminants and repelling attack by most acids and alkalis. W.F. Lake's sewing thread will not support combustion, will not burn and is UV stable. In addition, the smooth coating improves handling characteristics, abrasion resistance and sewability.

***W.F. Lake Corp.***  
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Glens Falls, NY 12804  
Customer Service: (800) 428-1162  
Tel: (518) 798-9934  
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www.wflake.com

## ***Features***

Extreme Temperature Resistance  
High Tensile Strength  
Good Knot Breaking Strength  
Uniform PTFE coating  
Stainless Wire Twisted In  
High Temperature Stability

## ***Benefits***

Chemical Resistance  
Minimal Buildup of Contaminants  
Excellent Sewability  
Thermal Shock Resistance  
Flexibility to 1400 deg. F  
Minimize strip-back and untwisting

1400 deg. Fahrenheit !



760 deg. Celsius !

*With **STAINLESS STEEL**  
Twisted into the thread itself!  
Inconel Wire also available  
... consult factory*

## ***Product Data***

Product Number	SGT-12/SS	SGT-18/SS	SGT-24/SS	SGT-27/SS
Thread Style	- S-2 Glass Fiber with integral Stainless Steel wire -			
Coating Type	----- PTFE, Sintered -----			
Coating Percentage	15	15	15	15
Yield (yards/lb nom.)	2950	1975	1475	920
Tensile Strength (lbs)	20	25	29	40
Diameter (nom. inches)	0.016	0.019	0.023	0.031
Final Twist	“Z”	“Z”	“Z”	“Z”
Color	----- Natural /Tan -----			

Serving Package: King Spool

Approx. Net Wt.: 2 lb/spool (others available)

F)

Available with high speed silicone thread lubricant applied in line.

Check with the factory for availability and possible minimum quantities.

**Operating Temp:** 1400 deg. F. (760 deg. C.)  
(PTFE Coating to 600 deg. F)

## ***Applications:***

High Temperature Textiles  
Thermal Insulation Pads  
Gasketing  
Kiln Seals  
Fire Resistant Composites  
Welding Curtains  
Safety Spray Shields



# **W.F. LAKE**

*High Performance PTFE & Silicone Coated Products*

*W.F. Lake Corp. manufactures high performance PTFE and Silicone coated products designed for extreme operating environments. Our non-stick, temperature and chemical resistant materials are uniquely suited for a wide variety of specialized industrial applications in a number of diverse industries. By combining our broad based in-house processing and converting capabilities, we are able to offer you creatively engineered products especially suited to your application. Give us a call to discuss your material needs... we're ready to help!*

***We manufacture the industry's widest range of  
PTFE Coated Fiberglass products !***



**PTFE Coated ...**

*Fabrics  
Adhesive Tapes  
S-2 Glass Fabrics  
Kevlar\* Fabrics  
High Temperature Belting  
Braided Draw Cords  
Braided Lacing Tapes  
Yarns  
E-Glass Sewing Thread  
S-2 Glass Sewing Thread (1400 deg. F)  
Kevlar\* Sewing Thread  
Quartz Sewing Threads (2000 deg F !!!)*

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