

# PTFE Coated S2 Glass Fiber Sewing Thread

*W.F. Lake Corp.* manufactures its PTFE coated S-2 glass fiber sewing thread from high purity, very fine continuous filament yarns. Our SGT-series thread reduces seam failure due to thermal shock & exposure and offers excellent tensile strength even at 1400 deg. Fahrenheit! 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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www.wflake.com

## Features

Extreme Temperature Resistance  
High Tensile Strength  
Good Knot Breaking Strength  
Uniform PTFE coating  
Balanced Twist  
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

## Product Data

Product Number	SGT-12	SGT-18	SGT-24	SGT-27
Thread Style	-- Continuous Filament S-2 Glass Fiber --			
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)

Available with high speed silicone thread lubricant applied in line.

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

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

1400 deg. Fahrenheit !



760 deg. Celsius !

Also available with  
stainless steel wire twisted in !

## 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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