

PTFE Coated S2 Glass Fiber / Stainless Steel Insert 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/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.
P.O. Box 4214
65 Park Road
Glens Falls, NY 12804
Customer Service: (800) 428-1162
Tel: (518) 798-9934
Fax: (518) 798-9936

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)

Available with high speed silicone thread lubricant applied in line.

Check with the factory for availability and possible minimum quantities.

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)

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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