

PTFE Coated Quartz Sewing Thread

W.F. Lake Corp. manufactures its PTFE coated Quartz sewing thread from high purity, very fine continuous filament pure fused silica, making it among the strongest and most temperature and chemically resistant thread on the market today. Our proprietary PTFE coating process 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 and will not burn. In addition, our proprietary coating process penetrates further and coats each fiber bundle more completely, improving handling characteristics and abrasion resistance versus other's Quartz sewing thread.

W.F. Lake Corp.
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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 Strength
Chemical Resistance
Proprietary Coating Process
Uniform PTFE coating
Balanced Twist

Benefits

Chemical Resistance
Minimize Buildup of Contaminants
Maximum Fiber Bundle PTFE Penetration
Good Sewability
Excellent Thermal Shock Resistance
Flexibility
Minimize strip-back and untwisting

2000 deg. Fahrenheit !



1100 deg. Celsius !

Product Data

Product Number	TFQ-12	TFQ-18	TFQ-24	TFQ-27	TFQ-30
Thread Style	--- Continuous Filament Pure Fused Silica ---				
Coating Type	----- PTFE, Sintered -----				
Coating Percentage	20	20	20	20	20
Yield (yards/lb nom.)	2950	1975	1475	920	635
Tensile Strength (lbs)	12	20	24	27	30
Diameter (nom. inches)	0.014	0.017	0.021	0.024	0.028
Final Twist	“Z”	“Z”	“Z”	“Z”	“Z”
Color	----- Natural /Tan -----				
Serving Package: King Spool	Operating Temp: 2000 deg. F. (1093 deg. C.)				
Approx. Net Wt.: 1 lb/spool (others available)	(PTFE Coating to 600 deg. F)				
Available with high speed silicone thread lubricant applied in line.					
All values are typical and should not be used for writing specifications.					

Applications:

- High Temperature Textiles
- Thermal Insulation Pads
- Ablative Applications
- Kiln Seals
- Fire Resistant Composites
- Refractory Insulation
- Aluminum Processing



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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