

PTFE Coated Beta (BC) / Stainless Steel Fiberglass Sewing Thread

W.F. Lake Corp. manufactures it's PTFE coated Beta (BC) fiberglass sewing thread from continuous filament beta yarns, making it among the strongest and most chemically resistant textile sewing thread on the market today. To make it even more versatile for specific applications, we've twisted a stainless steel wire right into the thread! Then our uniform PTFE coating completely encapsulates the thread, enhancing resistance to build-up of contaminates and repelling attack by most acids and alkalis. Our smooth PTFE coating enhances the flexibility of this very fine fiberglass yarn, making it especially suitable for most industrial sewing machines and minimizing the tendency to kink, strip-back or break like many other very high temperature threads.

W.F. Lake Corp.
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Glens Falls, NY 12804
Customer Service: (800) 428-1162
Tel: (518) 798-9934
Fax: (518) 798-9936

www.wflake.com

1000 deg. Fahrenheit



540 deg. Celsius

Made with an integral
Stainless Steel Wire
Inconel Wire Available
Consult Factory

Features

High Temperature Resistance
High Strength
Uniform PTFE coating
Finest Glass Fiber Available
Excellent Flexibility

Benefits

Chemical Resistance
Minimal Buildup of Contaminants
Good Sewability
Excellent Thermal Shock Resistance
Flexibility
Minimal strip-back and untwisting

Product Data

Product #	R755-12	R755--18	R755-24	R755-27
Thread Style	Beta (BC) Glass Fiber with integral Stainless Steel Wire			
Coating Type	----- PTFE, Sintered -----			
Coating %	12	12	12	12
Yield (yds/lb)	2500	1530	1180	920
Tensile (lbs)	12	20	25	30
Diameter (nom)	0.016"	0.019"	0.023"	0.027"
Final Twist	"Z"	"Z"	"Z"	"Z"
Color	----- Natural /Tan -----			
Serving Package: King Spool		Operating Temp: 1000 deg. F. (540 deg. C.)		
Approx. Net Wt.: 2 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
- 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

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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