

PTFE Coated Beta (BC) Fiberglass Sewing Thread

W.F. Lake Corp. manufactures its 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. Our uniform PTFE coating completely encapsulates the thread, enhancing resistance to build-up of contaminants 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. This is our most popular, versatile and cost effective high temperature thread.

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 #	R751-12	R751-18	R753-12	R753--18	R753-24	R753-27
Thread Style	----- Continuous Filament Beta (BC) Glass Fiber -----					
Coating Type	----- PTFE, Sintered -----					
Coating %	18	18	12	12	12	12
Yield (yds/lb)	2850	1900	3000	2000	1500	1050
Tensile (lbs)	12	18	12	18	25	30
Diameter (nom)	0.016"	0.019"	0.015"	0.018"	0.021"	0.024"
Final Twist	"Z"	"Z"	"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.						

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

1000 deg. Fahrenheit



540 deg. Celsius

Also available with
 Stainless Steel twisted in!
 See "R755-Series"

*R753-24 meets
 Mil-C-20079 Type 3, Class 3*

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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