

# ASTM D4030 "Beta" Raw Fiberglass Sewing Thread

W.F. Lake Corp. manufactures its uncoated Beta (BC) fiberglass sewing thread from continuous filament "beta" yarns, making it among the strongest and most flexible fiberglass sewing thread on the market today. Our uniform, balanced twist of this very fine fiberglass yarn makes it especially suitable for most industrial sewing machines. This thread is available lubricated with a high speed thread lubricant, or with an additional PTFE Coating, as our R753-series thread.

## MEETS ASTM D4030/D4030M-15

Table 3 Physical Properties of Typical Continuous Filament Glass Sewing Threads.\*

**\*NOTE: ECB fiberglass has been replaced with ECBC fiberglass. ECB fiberglass is NO LONGER MANUFACTURED!**

### Features

High Temperature Resistance  
High Strength  
Finest Glass Fiber Available  
Excellent Flexibility

### Benefits

Chemical Resistance  
Good Sewability  
Excellent Thermal Shock Resistance  
Minimal strip-back and untwisting

### Product Data

ASTM # / W.F. Lake #:	B-4 / BC-4	B-6 / BC-6	B-8 / BC-8
Thread Style	----- Continuous Filament Beta (BC) Glass Fiber -----		
Coating Type	----- Uncoated, Raw Fiberglass -----		
Coating %	----- Not Applicable -----		
Yield (yds/lb)/Tex	3550 / 140	2330 / 213	1730 / 287
Break Strength	13 lbs / 58	20 lbs / 89N	25 lbs / 111N
Diameter in. / mm (nom)	0.014" / 0.36	0.017" / 0.43	0.020" / 0.51
Final Twist	"Z"	"Z"	"Z"
Color	----- Natural /White -----		
Serving Package: King Spool		Operating Temp: 975 deg. F. (510 deg. C.)	
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.			

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

975 deg. Fahrenheit



510 deg. Celsius

Also available with  
PTFE Coating  
See "R753-Series"  
and with  
Stainless Steel Insert  
See "R755-Series"

### 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 !!!)*

W.F. LAKE CORP., 65 Park Road, Glens Falls, NY 12804

Tel: (518) 798-9934 . Tel: (800) 428-1162. Fax: (518) 798-9936. E-mail: [info@wflake.com](mailto:info@wflake.com)

[www.wflake.com](http://www.wflake.com)



*High Performance PTFE & Silicone Coated Products*