

# ***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.*  
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

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
<b>Thread Style</b>	Beta (BC) Glass Fiber with integral Stainless Steel Wire			
<b>Coating Type</b>	----- PTFE, Sintered -----			
<b>Coating %</b>	12	12	12	12
<b>Yield (yds/lb)</b>	2500	1530	1180	920
<b>Tensile (lbs)</b>	12	20	25	30
<b>Diameter (nom)</b>	0.016"	0.019"	0.023"	0.027"
<b>Final Twist</b>	"Z"	"Z"	"Z"	"Z"
<b>Color</b>	----- Natural /Tan -----			
<b>Serving Package:</b> King Spool		<b>Operating Temp:</b> 1000 deg. F. (540 deg. C.)		
<b>Approx. Net Wt.:</b> 2 lb/spool (others available)		(PTFE Coating to 600 deg. F)		
Available with high speed silicone thread lubricant applied in line.				
<b>All values are typical and should not be used for writing specifications.</b>				

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



*High Performance PTFE & Silicone Coated Products*