

PTFE Coated "E-Glass" Fiberglass Sewing Thread

W.F. Lake Corp. manufactures its PTFE coated "E-Glass" fiberglass sewing thread from continuous "E" filament yarns, resulting in a strong, chemical resistant textile sewing thread. 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 the fiberglass yarn, making it suitable for many industrial applications and minimizing the tendency to kink, strip-back or break like other very high temperature threads. This is our least expensive high temperature thread and is ideally suited to static applications (safety spray shields, gaskets, heat shields etc...). Where continuous flexing and bending is required, we recommend our "Beta / BC" R753-series product. The user should perform tests to determine suitability for their application.

Features

High Temperature Resistance
 High Strength
 Uniform PTFE coating
 Glass Fiber Substrate

Benefits

Chemical Resistance
 Minimal Buildup of Contaminants
 Good Sewability
 Excellent Thermal Shock Resistance

Product Data

Product #	R783-12	R783-18	R783--24	R783-27
Thread Style	----- Continuous Filament "E- Glass" Fiber -----			
Coating Type	----- PTFE, Sintered -----			
Coating %	12	12	12	12
Yield (yds/lb)	3000	2000	1500	1050
Tensile (lbs)	12	18	25	30
Diameter (nom)	0.015"	0.018"	0.021"	0.024"
Final Twist	"Z"	"Z"	"Z"	"Z"
Color	----- Natural /Tan -----			
Serving Package: King Spool Operating Temp: 550 deg. Continuous, 1000 deg. F. intermittent. Approx. Net Wt.: 2 lb/spool (others available) (290 deg. C continuous) , (540 deg. C intermittent) 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.
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www.wflake.com

1000 deg. Fahrenheit
 Intermittent



550 deg. Fahrenheit
 Continuous

*R783-24 meets
 Mil-C-20079 Type 3, Class 3*

Applications:

High Temperature Textiles
 Safety Spray Shields
 Braided Sleeving
 Insulation Jackets
 Thermal Insulation Pads
 High Temperature Gaskets
 Kiln Seals
 Fire Resistant Composites
 Welding Blankets
 Heat Shields



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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