

PTFE Coated Para-Aramid*/ Stainless Steel Thread

W.F. Lake Corp. manufactures it's PTFE coated ParaAramid*/ Stainless Steel Wire Sewing Thread from individually coated, continuous filament para-aramid yarns and fine stainless steel wire, making one of the strongest high temperature sewing threads on the market today. Each individual para-aramid yarn is completely coated with black pigmented PTFE prior to twisting. Once they are twisted together, the thread is again coated with black pigmented PTFE, dramatically improving UV resistance and contaminate resistance while reducing friction. In addition, the smooth coating improves handling characteristics and reduces the tendency of uncoated Kevlar* thread to fray, abrade and clog sewing equipment.

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Features

High Temperature
High Strength
Individually PTFE Coated Input Yarns
Uniform PTFE Final Coat
Light Weight
Balanced Twist
1 End Stainless Steel Wire

Benefits

Chemical Resistance
Minimal Buildup of contaminants
Easy Sewing vs. other high temperature threads
Enhanced UV Resistance
Excellent Thermal Cycling
Highly Flexible
Fatigue Resistance

Product Data

Product Number	R721-71BLK
Base Thread Style	Para-aramid (Kevlar*) with Stainless Steel (Individually PTFE coated continuous filament yarns)
Stainless Steel Wire	1 end of stainless steel wire
Coating Type	Black PTFE, Sintered
Coating Percentage (PTFE nom.)	30%
Yield (yards/lb nom.)	3,800
Tensile Strength (lbs. min.)	25
Diameter (nom. inch)	0.013"
Final Twist	"Z"
Color	----- Black -----

Serving Package: King Spool
Approx. Net Wt.: 1 lb/spool (others available)
Available with high speed silicone thread lubricant applied in line.
Operating Temp: Kevlar to 400 deg. F.
(Stainless Steel wire to over 1000 deg. F.)
All values are typical and should not be used for writing specifications. *Kevlar Reg. DuPont



Applications:

Safety Spray Shields
High Temperature Textiles
Multi-Layer Insulation
Filter Media
Welding Curtains
Kiln Seals
High Temperature Gaskets



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 !!!)
Toll Processing of your materials*

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