



W.F. LAKE

High Performance PTFE & Silicone Coated Products

PTFE Coated Aramid* / Inconel Thread

W.F. Lake Corp. manufactures it's PTFE coated Kevlar*/ Inconel wire sewing thread from continuous filament Kevlar* yarns twisted together with fine inconel wire, resulting in one of the strongest high temperature sewing threads on the market today. Our uniform PTFE coating completely encapsulates the thread, enhancing resistance to build-up of contaminants. 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
Uniform PTFE coating
Light Weight
Balanced Twist
Soft Inconel Wire

Benefits

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

Product Data

Product Number	R721-74IL
Thread Style	4 ends Kevlar* (continuous filament)
Stainless Steel Wire	4 ends Inconel wire
Coating Type	PTFE, Sintered Thread Lube: X80
Coating Percentage (PTFE nom.)	12
Yield (yards/lb nom.)	1750
Tensile Strength (lbs. min.)	25
Diameter (nom. inch)	0.018"
Final Twist	"Z"
Color	----- Natural (yellow) -----

Serving Package: King Spool
Approx. Net Wt.: 1 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. *Kevlar Reg. DuPont

Operating Temp: Kevlar to 500 deg. F.
(Stainless Steel wire to over 1000 deg. F.)

Applications:

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

Important Processing Information.

W.F. Lake Corp. PTFE coated fiberglass and aramid sewing threads are coated during manufacture with sizing's or finishes, including PTFE, to serve as aids in textile processing. When these products are heated above the continuous operating temperature of PTFE (550 degrees F, 287 degrees C), adequate ventilation and / or personal protective equipment must be used in accordance with site-specific exposure assessment as vapors can be emitted and may be hazardous if inhaled. See Safety Data Sheet or contact W.F. Lake Corp. for more information.