

# *PTFE Coated Aramid\* / Stainless Thread*

*W.F. Lake Corp.* manufactures its PTFE coated Kevlar\* and Kevlar\*/ stainless steel sewing thread from continuous filament Kevlar\* yarns (available twisted together with fine stainless steel 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 Stainless Wire (R721-70)

### *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	R721-71**	R722-70
Thread Style	----- Kevlar* ----- (continuous filament)	
Stainless Steel Wire	1 end SS Wire**	No Wire
Coating Type	----- -PTFE, Sintered -----	
Coating Percentage	12	12
Yield (yards/lb nom.)	4750	5500
Tensile Strength (lbs)	20.5	20.5
Diameter (nom. inch)	0.011"	0.010"
Final Twist	"Z"	"Z"
Color	---- Natural (yellow/gold) ----	

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
- Insulation Blankets
- Filter Media
- Welding Curtains
- Kiln Seals
- High Temperature Gaskets

\*\* *R721-Thread* is available with up to 10 ends of stainless steel or inconel wire twisted together and PTFE coated.

**Ex: R721-73 = 3 ends wire.**

## W.F. LAKE

*High Performance PTFE & Silicone Coated Products*