

PTFE Coated Kevlar* Belts

TFK-1313
TFK-3434

W.F. Lake Corp. manufactures its PTFE (Teflon* by DuPont) coated Kevlar* belting to meet your most demanding industrial applications requiring very high tensile strengths with minimum weight. The unique strength of Kevlar* along with its excellent flex fatigue resistance and edge tear strength allows us to fabricate belts for your most demanding applications. Our non-stick, chemical resistant PTFE coating enhances the amazing properties of Kevlar* and opens up a wide variety of uses for this unique product. And don't forget that our in-house capabilities allow us to fabricate all sorts of products from PTFE coated Kevlar* to meet your processing needs, including rotary kiln seals, reusable mandrel release tubes, thermal welding "pockets" and more! For operations up to 450 deg. F requiring unequalled strength to weight ratios, flexibility and edge tear strength, consider our PTFE coated Kevlar* for your next requirement.

Features

High Temperature Resistance
High Strength Kevlar* Substrate
Dimensional Stability
PTFE Coating

Benefits

Long Life
Excellent Release
Superior Edge Tear Strength
Excellent Flexural Strength

Product Data

Product #	TFK-3434	TFK-1313
Base Fabric	----- Proprietary -----	
Thickness (in)	0.005"	0.012"
Color	----- Natural / Gold -----	
Coating Type	----- Sintered PTFE -----	
Tensile (lbs/in.)	230	450
Weave Pattern	plain	plain

Elongation of Kevlar* fabrics is less than 5%
Operating Temperature: Min -200 to Max 450 deg. F, Intermittent to 550 deg. F.
Thickness shown is nominal, however, most fabrics are +/- 10%.
Widths: TFK-1313 to 50", TFK-3434 to 38".
 Please consult the factory or W.F. Lake Corp. literature for available alternatives.
Values are typical and should not be used for writing specifications.
All data is subject to change without notice.

*Reg. DuPont

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450 deg. Fahrenheit



TFK-Series PTFE coated Kevlar*

Over 50 styles of PTFE
Coated Fiberglass and
Kevlar* fabrics !

Applications:

Packaging
Shrink Tunnel Belts
Reusable Release Tubes
Curing and Drying
Die Cutting Hot/Soft Plastics

Splice Options:

Alligator / Clipper Lacing
Overlap Splice
Butt Splice
Soft-Seal Loop Seam
Cover Flaps As Needed
Custom Fabrication Available



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 !!!)*

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