

# 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 unequaled 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

**W.F. Lake Corp.**  
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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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