

# L10-Series PTFE Coated Fiberglass Fabric

## Standard Grade

**W.F. Lake Corp.** manufactures its PTFE coated fiberglass fabrics using the highest quality woven fiberglass fabrics available. Our process first impregnates the fibers and then coats the surface with a smooth uniform PTFE coating, enhancing release characteristics, and making it resistant to build-up of contaminants and oils. In addition it repels attack by most acids and alkalis. L10-series fabrics are well suited for most applications requiring a smooth non-stick surface in a dimensionally stable form, operating at extreme temperatures and in chemically aggressive environments. This is our most popular, versatile and cost effective high temperature fabric.

### Features

High Temperature Resistance  
 High Strength Fiberglass Substrate  
 Dimensional Stability  
 Uniform PTFE coating  
 Flexibility  
 Smooth Coating

### Benefits

Non-Stick  
 Low Friction  
 Chemical Resistance  
 Thermal Shock Resistance  
 Flexibility  
 FDA Compliant (title 21)

### L10-Series

### Product Data

Product #	L10-3	L10-5	L10-6	L10-10	L10-14	L10-28
Base Fabric	1080	2116	2116	7628	1142	7544
Thickness (in)	0.003"	0.005"	0.006"	0.009	0.014"	0.027"
Weight (lbs/yd)	0.27	0.44	0.54	0.90	1.20	1.60
Coating %	65	55	62	60	56	33
Tensile (Warp)	70	120	120	220	400	800
Tensile (Fill)	50	100	100	175	250	800
Color	----- Natural /Tan -----					

Elongation of fiberglass fabrics is less than 5%

Operating Temperature: Min -200 to Max 550 deg. F, Intermittent to 600 deg. F.

Thickness shown is nominal, however, most fabrics are +/- 10%.

Widths are standard at 38". Other typical widths include 41", 50", 60", 82".

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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575 deg. Fahrenheit



300 deg. Celsius

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

### Applications:

Packaging

Food Processing

Heat Sealing Poly Bags

Baking Sheets

Release / Separator Sheets

Thermal Film Lamination

Gaskets / Diaphragms

Thermal Transfer Presses

High Temperature Belting

Curing and Drying

FDA Compliant



# 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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*High Performance PTFE & Silicone Coated Products*