

# *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
<b>Base Fabric</b>	1080	2116	2116	7628	1142	7544
<b>Thickness (in)</b>	0.003"	0.005"	0.006"	0.009	0.014"	0.027"
<b>Weight (lbs/yd)</b>	0.27	0.44	0.54	0.90	1.20	1.60
<b>Coating %</b>	65	55	62	60	56	33
<b>Tensile (Warp)</b>	70	120	120	220	400	800
<b>Tensile (Fill)</b>	50	100	100	175	250	800
<b>Color</b>	----- 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

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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*