

L18-Series PTFE Coated Fiberglass Fabric

“White” / “Translucent” Fabric

W.F. Lake Corp. manufactures its PTFE coated fiberglass fabrics using the highest quality woven fiberglass fabrics available. L18-series fabrics are well suited for applications requiring a smooth non-stick surface in a dimensionally stable form. This fabric style is designed to be more “transparent” than standard “tan” or “natural” fabrics. The “white” color allows for better light transmission and is almost “see through”.

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.

Features

High Temperature Resistance
 “Translucent” / “See Through”
 Dimensional Stability
 Uniform PTFE coating
 Flexibility
 Smooth Coating

Benefits

Non-Stick
 Low Friction
 Chemical Resistance
 Thermal Shock Resistance
 “White” / “See Through”
 FDA Compliant (title 21)

Product Data

Product #	L18-5	L18-6	L18-10
Base Fabric	2116	2116	7628
Thickness (in)	0.005”	0.0055	0.009”
Weight (lbs/yd)	0.44	0.50	0.90
Coating %	55	60	0.55
Tensile (Warp)	120	120	220
Tensile (Fill)	100	100	175
Color	----- “White” -----		

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.

P.O. Box 4214

65 Park Road

Glens Falls, NY 12804

Customer Service: (800) 428-1162

Tel: (518) 798-9934

Fax: (518) 798-9936

www.wflake.com

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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