

L12-Mechanical Grade PTFE Coated Fiberglass

Mechanical 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. L12-series fabrics are well suited for many applications where a super-smooth surface is not required, or where a little texture or fabric impression is preferred. This fabric has a little less PTFE coating on it and can be a cost effective solution for many applications. Consider L12-Series products for release sheets, splash curtains, press pads, food processing, embossing, etc...

Features

High Temperature Resistance
 High Strength Fiberglass Substrate
 Dimensional Stability
 Uniform PTFE coating
 Flexibility
 Textured Surface

Benefits

Non-Stick
 Embossing Surface
 Chemical Resistance
 Thermal Shock Resistance
 Flexibility
 FDA Compliant (title 21)

L12- Series

Product Data

Product #	L12-3	L12-5	L12-6	L12-10	L12-14
Base Fabric	1080	2116	2116	7628	1142
Thickness (in)	0.003"	0.0045"	0.005"	0.008	0.012"
Weight (lbs/yd)	0.20	0.37	0.44	0.75	0.95
Coating %	50	45	55	50	42
Tensile (Warp)	70	120	120	220	400
Tensile (Fill)	50	100	100	175	250
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

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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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