

L13- Tear Resistant PTFE Coated Fiberglass

Our L13– Tear Resistant fabrics are specially treated PTFE coated fiberglass fabrics offering all of the outstanding chemical and temperature resistance features of our Standard Fabrics with enhanced crease and tear resistance... as much as 5 times the tear strength of standard fabrics! Of course, there’s always a trade-off and in this case it’s a somewhat weaker bond strength when heat-sealed to itself. Some fabricated parts may require the addition of sewn seams or mechanical fasteners to take full advantage of the enhanced tear strength of these fabrics.

L13-Series fabrics should be considered when fabricating parts. Typical uses include welder pockets for the vinyl window industry, splash curtains, insulation jackets, belting, separator sheets, etc...

Features

High Temperature Resistance
Enhanced Tear Resistance
Dimensional Stability
Softer “Hand”
Enhanced Flexibility
Uniform PTFE Coating

Benefits

Non-Stick
Crease and Tear Resistant
Chemical Resistance
Thermal Shock Resistance
Improved Puncture Resistance
FDA Compliant (title 21)

L13– Series

Product Data

Product #	L13-3	L13-5	L13-6	L13-10
Base Fabric	1080	2116	2116	7628
Thickness (in)	0.003”	0.005”	0.0055”	0.009
Weight (lbs/yd)	0.25	0.40	0.50	0.85
Coating %	60	50	60	55
Tensile (Warp)	70	120	120	220
Tear Strength (lbs)	50	75	75	150
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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575 deg. Fahrenheit



300 deg. Celsius

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

Applications:

Packaging

Food Processing

Spray Shields

“Welder Pockets”

Release / Separator Sheets

Splash Curtains

Gaskets / Diaphragms

Valve Covers

High Temperature Belting

Curing and Drying

FDA Compliant



W.F. LAKE

High Performance PTFE & Silicone Coated Products