

PTFE Coated Fiberglass Belts

W.F. Lake Corp's manufactures its PTFE (Teflon by DuPont) coated fiberglass dryer belts from the highest quality woven fiberglass substrates available. Our uniform PTFE coating impregnates and coats the fiberglass yarns resulting in excellent abrasion resistance and a low coefficient of friction, enhancing release of various coatings and materials. Designed to operate in extremes of both temperature and chemical exposure, W.F. Lake's belts are suitable for gas, electric, infrared (IR), radio frequency (RF), microwave and ultraviolet (UV) conveyerized drying operations. This incredible substrate is then cut, sewn, sealed and laced to make drying / processing belts for a wide variety of industries.

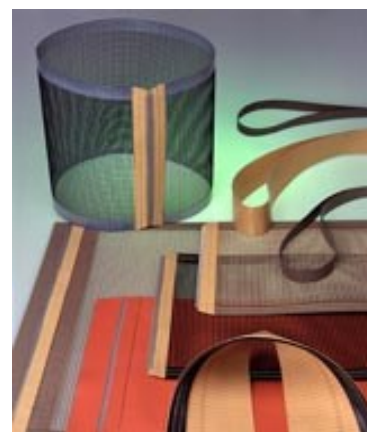
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www.wflake.com

Belt Tolerances

Tolerances for W.F. Lake Corp. belts are held as closely as possible. Some slight distortion may take place during fabrication, but in most cases these belts will return to their "relaxed" state after installation. While there is very little stretch in PTFE coated fiberglass fabrics, some belts (particularly PTFE coated fiberglass mesh belts) will stretch a bit during use, often due to pulling the "crimp" out of the weave. Extreme over-tension issues will delaminate splices and can cause distortion in the weave. In some cases, tighter tolerances can be held. Please contact the factory with special requirements.

Width / Length	Dimension	Tolerance
Width	Less Than 12"	+/- 1/8"
Width	12"-48"	+/- 1/8"
Width	Over 48"	+/- 1/4"
Length	Up to 20'	+/- 1/2"
Length	21' to 90'	+/- 1"
Length	91 ft +	+/- 2"



Operating Temps to 550 deg. F

Applications:

Screen Printing
Packaging
Shrink Tunnels
Food Processing
Rotary Band Sealers
Curing and Drying
Custom Fabrication

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

Suggested Minimum Pulley Diameters

Belt Thickness	Belt Width			
	1/4" to 11"	12" to 29"	30" to 59"	60" +
0.003" to 0.010"	3"	6"	8"	10"
0.011" to 0.019"	6"	6"	8"	10"
0.020" to 0.025"	8"	8"	8"	10"
0.026" to 0.050"	10"	10"	10"	10"



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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