



FilmLam™ Food Belting Series

LAMINATED PTFE/FIBERGLASS COMPOSITES ENGINEERED FOR BELTING APPLICATIONS

A PTFE film laminate for industrial and food applications. PTFE films are laminated to each side of a PTFE-coated fiberglass reinforcement.

- **Proven film lamination and coating technology**
- **Lower permeation than coated products**
- **Better resistance to grease wicking than coated products**
- **Uniform PTFE thickness over fabric reinforcement**
- **Many film variations allow for changes in properties such as heat transfer, release capability, and wear resistance**



FILMLAM™ PROPERTIES:

4

6

10

12

	4	6	10	12
Upper Use Temperature:	600°F (316°C)			
Overall Weight oz/yd² (g/m²):	5.5 (190)	8.5 (290)	14.5 (490)	17.5 (590)
PTFE % by Weight:	74	51	61	60
Thickness in (mm):	0.004 (0.10)	0.006 (0.15)	0.010 (0.25)	0.011 (0.28)
Width in (mm):	54 (1370)			
Tensile Strength (Warp) lbs/in (N/5 cm):	90 (790)	125 (1100)	275 (2400)	290 (2500)
Tensile Strength (Fill) lbs/in (N/5 cm):	70 (610)	110 (960)	205 (1795)	210 (1800)
Tear Strength (Warp) lbs (N):	3 (13)	6 (27)	18 (80)	16 (70)
Tear Strength (Fill) lbs (N):	2 (9)	6 (27)	12 (50)	14 (60)

Compliance: Suitable for use in direct food contact applications under the applicable requirements of 21CFR177.1550 (FDA) and 1935/2004 (EU Framework Resolution). Meets guidelines for Global RoHS and REACH SVHC.

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