

Thermoformable, FDA-compliant, PCTFE film lamination.

Tekni-Plex offers a wide range of film structures to meet both performance and cost requirements.

Typical Physical Properties

General		
Construction	50µ PE / 23µ PCTFE	2 mil PE / 0.9 mil PCTFE
Color	Clear Tint	Clear Tint
Haze	4%	4%
Specific Gravity	1,28 g / cm ³	1.28 g / cm ³
Total Thickness	73 µ	0.0029"
Thickness tolerance	± 10%	± 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	± 1,5 mm	± 1/16"
Yield	9.34 – 11.42 m ² / kg	6569 – 8029 in ² / lb
Mechanical		
Tensile Strength	20,29 x 10 ⁶ N / m ²	2943psi
Thermal		
Dimensional Stability	±6 % (30 minutes @ 140°C)	±6 % (30 minutes @ 284°F)
Thermoforming Range	105 – 120°C	105 – 120°C
Barrier		
Moisture Vapor Transmission Rate (38°C, 90% RH)	0,27g / m ² / 24 hrs	0. 017 g / 100 in ² / 24 hrs
Oxygen Transmission Rate (23°C, 100% RH)	87 cm ³ / m ² / 24 hrs	5,6 cm ³ / 100 in ² / 24 hrs

Manufactured under Industry Accepted standards for cGMP. Film is composed of ingredients in compliance with existing regulations of the FDA 21CFR 177.1520, 177.1380 and 175.105. Data supplied in good faith for information only. End user assumes all liability in using this product for the purpose intended.

TEKNIFLEX® is a registered trademark of Tekni-Plex, Inc.

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