

*Thermoformable, FDA-compliant, Pharmaceutical-Grade PCTFE film lamination.
Tekni-Plex offers a wide range of PVC-based film structures to meet both performance and cost requirements.*

Typical Physical Properties

General

Construction	250 μ PVC / 15 μ PCTFE	10.0 mil PVC / 0.6 mil PCTFE
Color	Clear Tint	Clear Tint
Haze	3%	3%
Specific Gravity	1,37 g / cm ³	1.37 g / cm ³
Total Thickness	269 μ	0.0106"
Thickness tolerance	\pm 10%	\pm 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	\pm 1,5 mm	\pm 1/16"
Yield	2,451-2,995 m ² / kg	1723-2105 in ² / lb

Mechanical

Tensile Strength	37,92 x 10 ⁶ N / m ²	5500 psi
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Thermal

Dimensional Stability	\pm 4% (30 minutes @ 140°C)	\pm 4% (30 minutes @ 284°F)
Thermoforming Range	100 – 160°C	212 – 320°F

Barrier

Moisture Vapor Transmission Rate (38°C, 90% RH)	0,39 g / m ² / 24 hrs	0.025 g / 100 in ² / 24 hrs
Oxygen Transmission Rate (23°C, 100% RH)	18,6 cm ³ / m ² / 24 hrs	1.2 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 (21 C.F.R. 175.300, 177.1520 & 177.1380) and EP (3.1.11) and is entered in Tekni-Plex Inc.'s Drug Master File #1378. 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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